The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

October, 1979

Shipments Up 6.2 Per Cent

Net shipments of aluminum ingot and mill products through August, 1979, at an estimated 9,942 million pounds were 6.2% higher than shipments of 9,362 million pounds for eight months of 1978.

Domestic shipments totalled 9,289 million pounds through August, 1979, representing an increase of 4.0% over the 8,933 million pounds shipped in the first eight months of 1978.

Exports of 653 million pounds so far this year were up 52.2% vs. 429 million pounds for eight months of 1978.

Thru August 1979

	8 Mos. 1979	8 Mos. 1978	% Change
Mill Products	8,048	7,801	+ 3.2
Ingot	1,894	1,561	+21.3
Total	9,942	9,362	+ 6.2
Less Exports	−653	−429	+52.2
Domestic Total	9,289	8,933	+ 4.0

Millions of Pounds

Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census

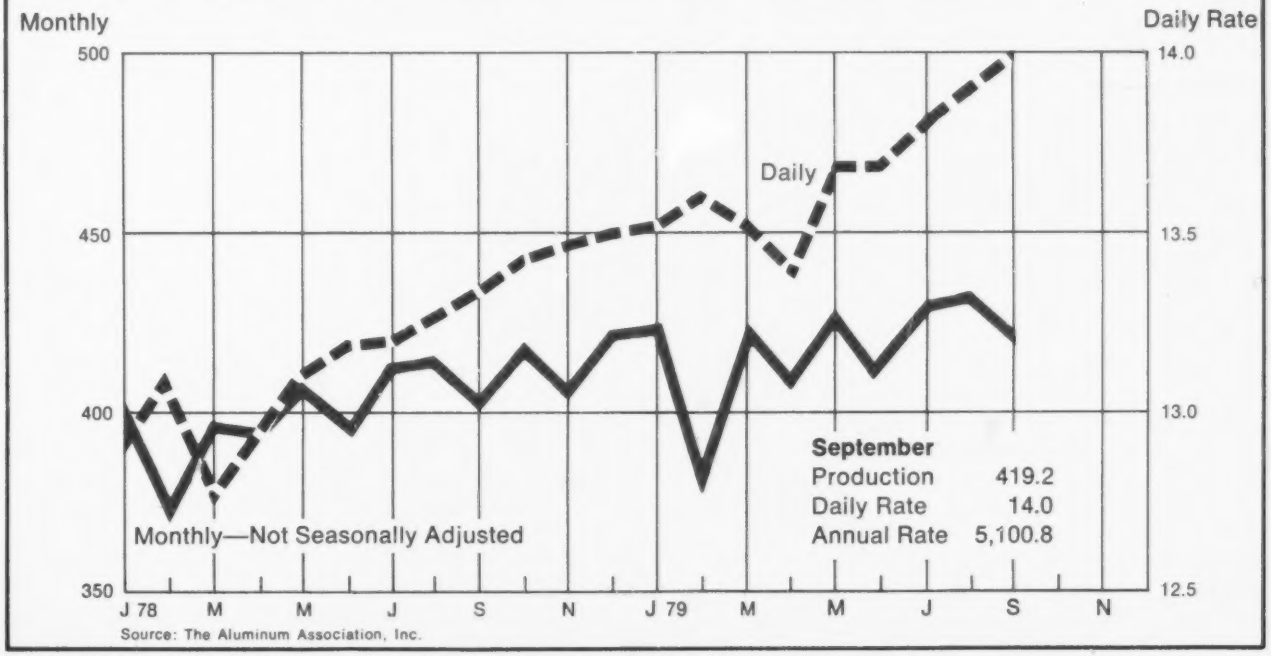
Primary Production Rate Up 5.0 Per Cent

U.S. primary aluminum production averaged 13,975 short tons daily during September, 1979, compared with an average 13,305 tons a day in September, 1978.

The annual rate of production in September, 1979 was 5,100,845 tons, compared to 4,856,155 tons in September, 1978. The August production rate was a revised 5,065,164 tons.

Actual production in September, 1979 was 419,248 tons. This compared with 399,136 tons in September, 1978 and a revised 430,192 tons in August, 1979.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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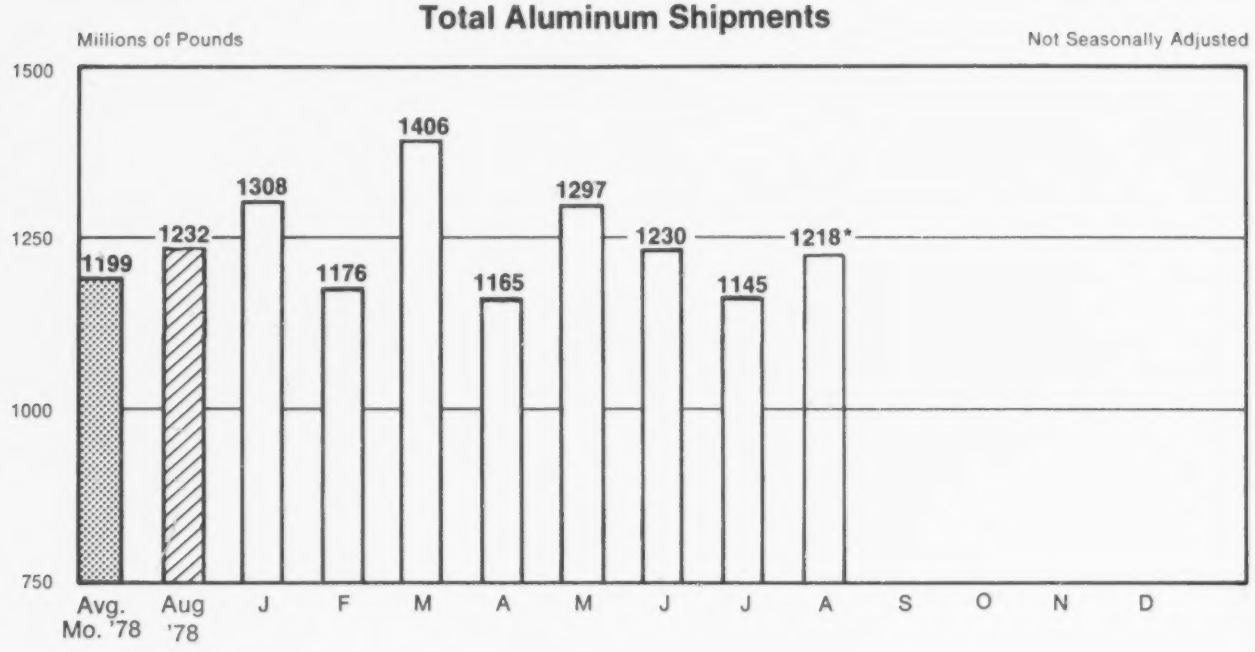
Total Aluminum Shipments



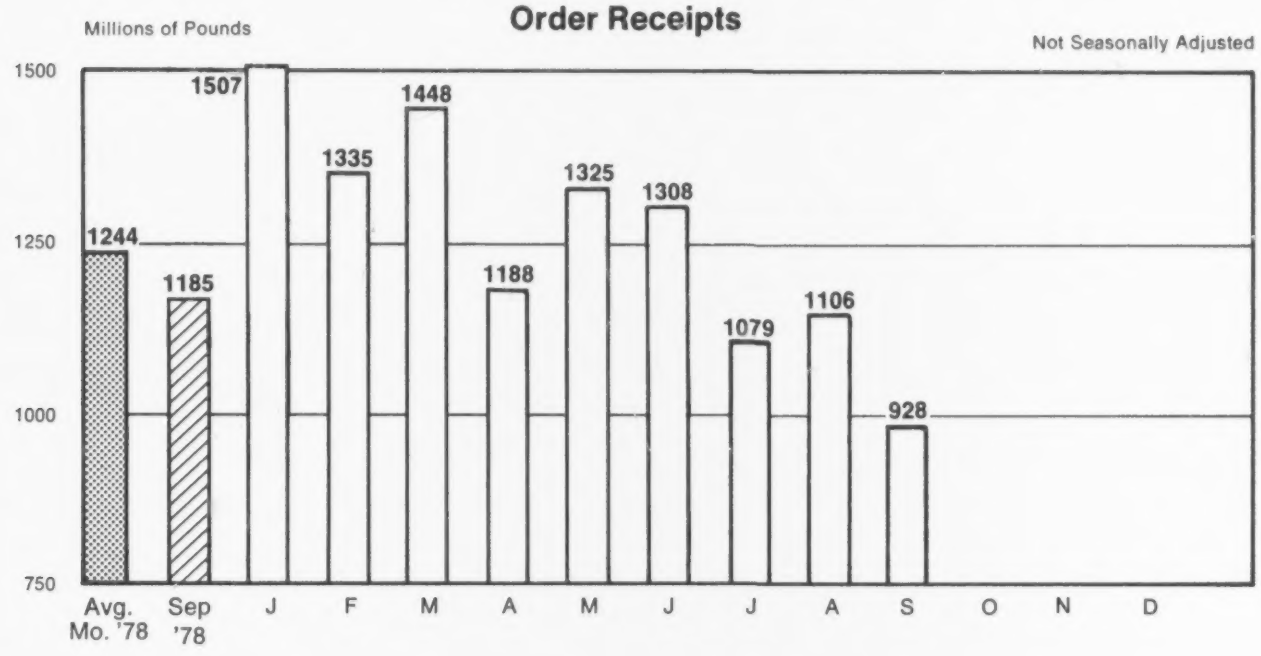
Net Shipments
(Millions of Pounds)

	1979		1978	% Change
	August*	July	August	Latest Month 1979 v. 1978
Sheet & Plate	537.0	525.1	561.5	− 4.4
Foil	74.0	69.8	73.5	+ 0.7
Rod, Bar & Wire	35.0	32.0	36.2	− 3.3
Electrical Conductor	78.0	66.6	72.3	+ 7.9
Extruded Products	198.0	182.2	231.4	−14.4
Welded Tube	7.0	7.5	7.0	—
Powder & Pigments	9.0	11.6	13.2	−31.8
Forgings & Impacts	11.0	10.4	12.1	− 9.1
Net Imports of Mill Products (Total) (a)	27.0	26.9	46.4	−41.8
Total Mill Products	976.0	932.1	1,053.6	− 7.4
Ingot	242.0(b)	212.4	177.9	+36.0
TOTAL INDUSTRY SHIPMENTS	1,218.0	1,144.5	1,231.5	− 1.1
Exports	(85.3)	(59.6)	(64.4)	+32.5
TOTAL DOMESTIC SHIPMENTS	1,132.7	1,084.9	1,167.1	− 2.9

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

August Shipments Down 1.1 Per Cent from Year Ago

Total August net shipments of 1,218 million pounds were down an estimated 1.1% vs. August, 1978. However, they registered a 6.4% gain over July, 1979 shipments of 1,145 million pounds. Domestic shipments were 2.9% below August, 1978, but 4.4% higher than July, 1979.



Order Receipts

Millions of Pounds

	1979		1978	% Change
	September*	August	September	Latest Month 1979 v. 1978
Can Stock	157.9	254.5	227.2	− 30.5
Sheet & Plate, Other	219.1	246.4r	291.0	− 24.7
Foil	48.2	52.8r	74.3	− 35.1
Rod, Bar & Wire	26.8	26.7	32.6	− 17.8
Electrical Conductor	52.0	82.4	71.4	− 27.2
Extruded Products	169.5	200.1	185.5	− 8.6
Primary Ingot	49.4	34.2r	22.3	+121.5
Other (Including Secondary Ingot)	161.5	136.5	193.3	− 16.5
TOTAL DOMESTIC	884.4	1,033.6r	1,097.6	− 19.4
Exports	43.7	72.8	86.9	− 49.7
TOTAL ALL PRODUCTS	928.1	1,106.4r	1,184.5	− 21.6

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

September Orders Down 21.6% From Year Ago

September order receipts at 928 million pounds were down 21.6% from September, 1978 orders of 1,185 million pounds. They also showed a 16.1% decline from August, 1979. For the first nine months of 1979, order receipts of 11,223 million pounds about equalled the 11,225 million pounds for the first nine months of 1978.

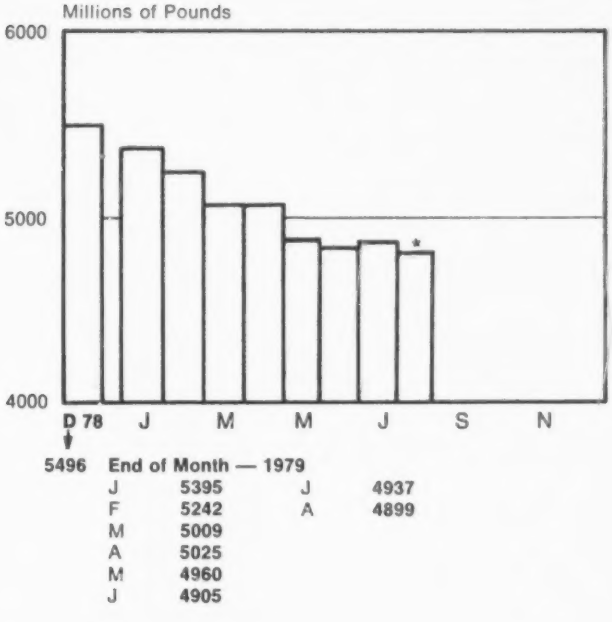
Producer Stocks Down 38 Million Pounds

Producer inventories declined an estimated 38 million pounds in August, 1979, from 4,937 million pounds in July to an estimated 4,899 million pounds.

Integrated producer stocks went down 32 million pounds. Secondary smelters' and nonintegrateds' stocks both showed slight declines.

Inventories through eight months of 1979 were down an estimated 597 million pounds from year-end 1978.

Inventories



Producer Inventories
(Millions of Pounds)

Producers	Aug '79	July '79	Aug '79 vs. Year End '78
Integrateds	4,009	4,041	−450
Smelters	240	243	− 21
Nonintegrated	650	653	−126
TOTAL	4,899	4,937	−597

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1979		1978	% Change Latest Month
		August	July	August	1979 v. 1978
Imports	Mill Products	35.6	35.6	51.2	− 30.5
	Ingot	62.3	126.2	101.3	− 38.5
	TOTAL	97.9	161.8	152.5	− 35.8
	Scrap (+ dross)	11.0	26.3	13.1	− 16.0
Exports	Mill Products	60.9	43.0	42.4	+ 43.6
	Ingot	24.4	16.6	22.0	+ 10.9
	TOTAL	85.3	59.6	64.4	+ 32.5
	Scrap	48.4	50.4	39.3	+ 23.2
Net Imports		(24.8)	78.1	61.9	−140.1

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

In the first 8 months of 1979, total imports (excluding scrap) of 1,132 million pounds were down 291 million pounds from the same 1978 period. Exports were up 224 million to a 654 million pound total. Net imports thus dropped 516 million pounds.

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Economic Affairs Department 202-862-5100

November, 1979

Shipments Up 4.6 Per Cent

Net shipments of aluminum ingot and mill products through September, 1979, at an estimated 11,056 million pounds were 4.6% higher than shipments of 10,569 million pounds for 9 months of 1978.

Domestic shipments totalled 10,342 million pounds through September, 1979, representing an increase of 2.8% over the 10,059 million pounds shipped in the first nine months of 1978.

Exports of 714 million pounds so far this year were up 40.1% vs. 510 million pounds for nine months of 1978.

Thru September 1979

	9 Mos. 1979	9 Mos. 1978	% Change
Mill Products	8,956	8,770	+ 2.1
Ingot	2,100	1,799	+16.7
Total	11,056	10,569	+ 4.6
Less Exports	−714	−510	+40.1
Domestic Total	10,342	10,059	+ 2.8

Millions of Pounds

Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

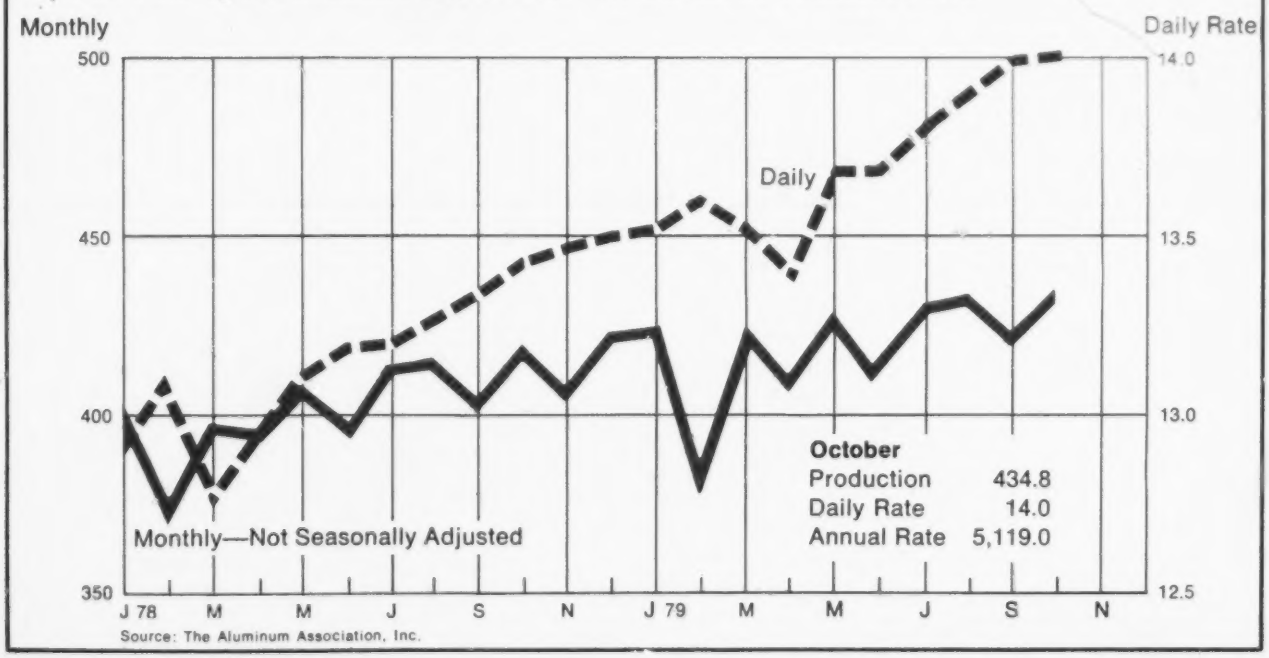
Primary Production Rate Up 4.6 Per Cent

U.S. primary aluminum production averaged 14,025 short tons daily during October, 1979, compared with an average 13,404 tons a day in October, 1978.

The annual rate of production in October, 1979 was 5,119,031 tons, compared to 4,892,330 tons in October, 1978. The September production rate was 5,100,845 tons.

Actual production in October, 1979 was 434,767 tons. This compared with 415,513 tons in October, 1978 and 419,248 tons in September, 1979.

U.S. Primary Aluminum Production—Thousands of Short Tons



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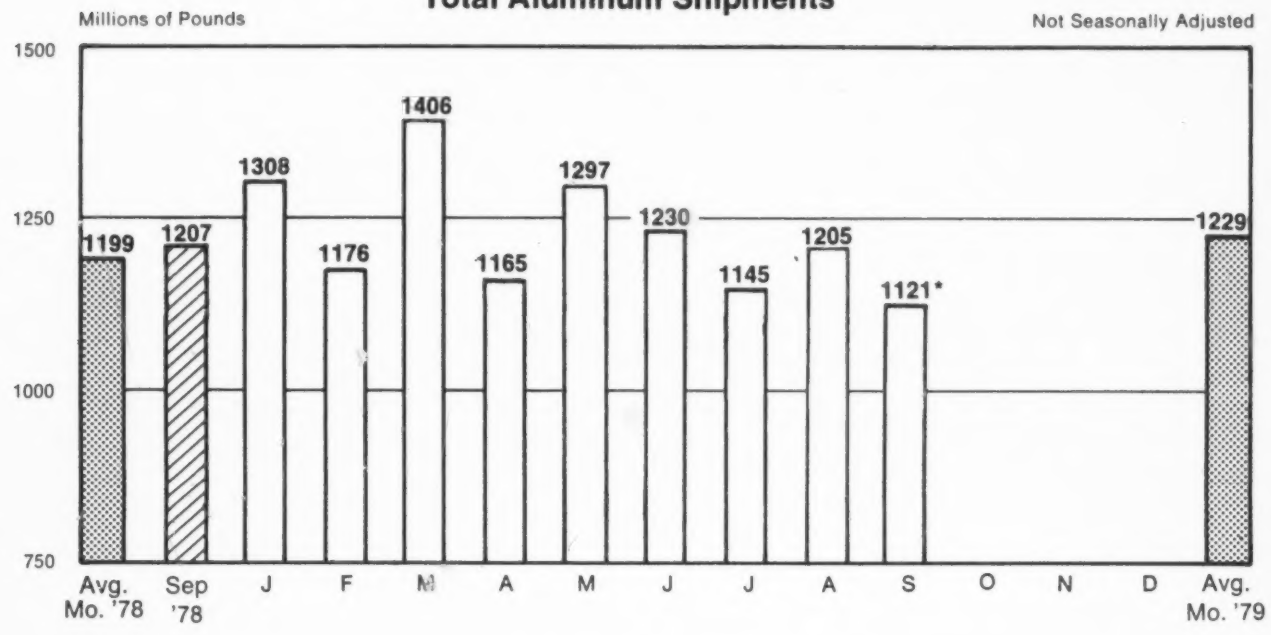
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

	1979		1978	% Change Latest Month
	September*	August	September	1979 v. 1978
Sheet & Plate	493.0	539.7	534.9	− 7.8
Foil	67.0	73.7	68.2	− 1.8
Rod, Bar & Wire	34.0	34.3	28.9	+17.6
Electrical Conductor	70.0	77.3	65.7	+ 6.5
Extruded Products	180.0	198.3	209.0	−13.9
Welded Tube	6.0	6.2	6.1	− 1.6
Powder & Pigments	10.0	9.5	12.0	−16.7
Forgings & Impacts	11.0	11.7	11.4	− 3.5
Net Imports of Mill Products (Total) (a)	18.0	31.9	33.0	−45.5
Total Mill Products	889.0	982.6	969.2	− 8.3
Ingot	232.0(b)	222.6	237.9	− 2.5
TOTAL INDUSTRY SHIPMENTS	1,121.0	1,205.2	1,207.1	− 7.1
Exports	(60.9)	(85.3)	(80.7)	−24.5
TOTAL DOMESTIC SHIPMENTS	1,060.1	1,119.9	1,126.4	− 5.9

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Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
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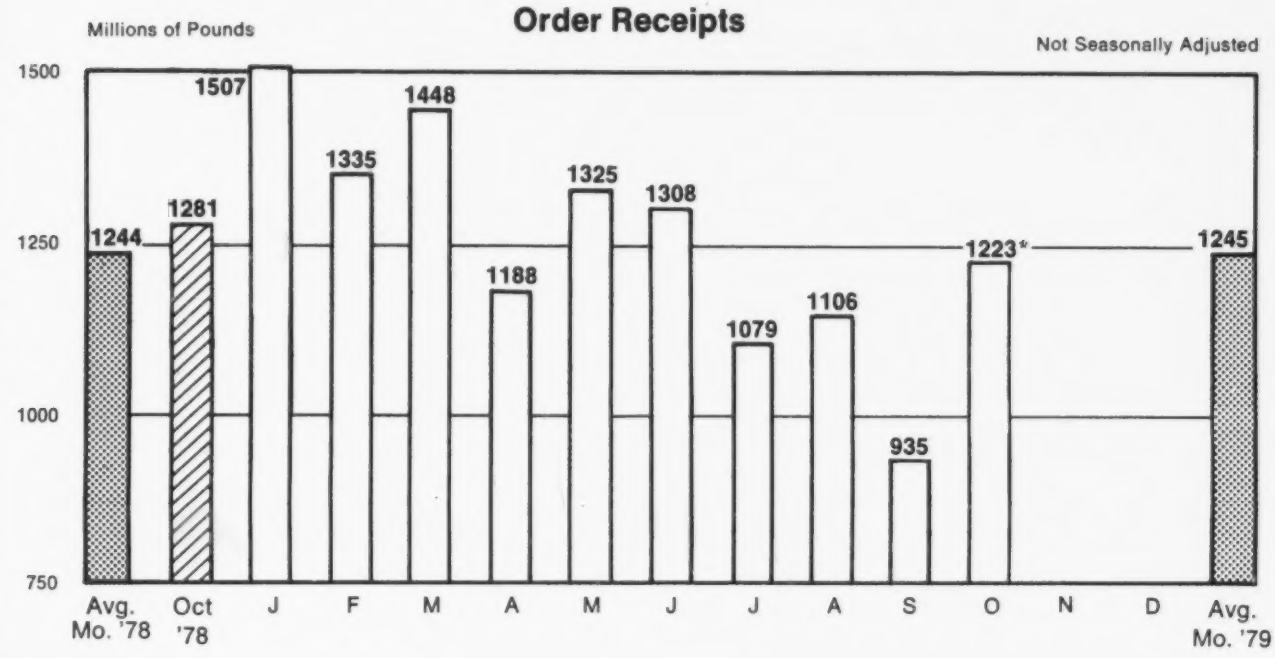
r—revised.

September Shipments Down 7.1 Per Cent from Year Ago

Total September net shipments of 1,121 million pounds were down an estimated 7.1% vs. September, 1978. They were also down about 7.0% from August, 1979 shipments of 1,205 million pounds. Domestic shipments were 5.9% below September, 1978, and 5.3% below August, 1979.



Order Receipts

Millions of Pounds

	1979		1978	% Change Latest Month
	October*	September	October	1979 v. 1978
Can Stock	211.9	157.9	184.0	+15.2
Sheet & Plate, Other	289.1	219.1	376.6	−23.2
Foil	74.8	48.2	84.5	−11.5
Rod, Bar & Wire	26.0	26.8	21.8	+19.3
Electrical Conductor	74.3	59.2r	70.4	+ 5.5
Extruded Products	189.6	169.5	233.4	−18.8
Primary Ingot	48.9	49.3r	87.0	−43.8
Other (Including Secondary Ingot)	229.4	161.5	153.0	+49.9
TOTAL DOMESTIC	1,144.0	891.5r	1,210.7	− 5.5
Exports	78.8	43.7	70.3	+12.1
TOTAL ALL PRODUCTS	1,222.8	935.2r	1,281.0	− 4.5

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r-revised.

October Orders Down 4.5% From Year Ago

October order receipts at 1,223 million pounds were down 4.5% from October, 1978 orders of 1,281 million pounds. However, they represented a 30.8% jump over September, 1979.

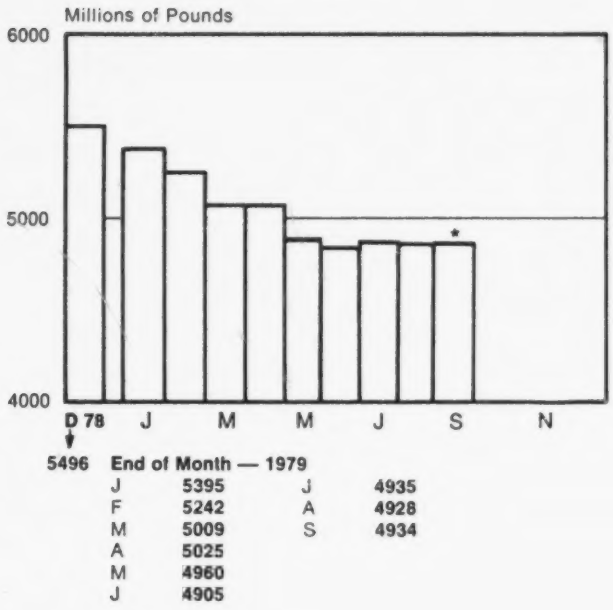
Producer Stocks Up Slightly

Producer inventories increased an estimated 6 million pounds in September, 1979, from 4,928 million pounds in August to an estimated 4,934 million pounds.

Integrated producer stocks increased 11 million pounds; secondary smelters' held steady, and nonintegrateds' stocks dropped 5 million pounds.

Inventories through 9 months of 1979 were down an estimated 562 million pounds from year-end 1978.

Inventories



Producer Inventories
(Millions of Pounds)

Producers	Sep '79*	Aug '79	Sep '79 vs. Year End '78
Integrateds	4,042	4,031	−417
Smelters	255	255	− 6
Nonintegrated	637	642	−139
TOTAL	4,934	4,928	−562

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1979		1978	% Change Latest Month 1979 v. 1978
		September	August	September	
Imports	Mill Products	21.6	35.6	36.4	− 40.7
	Ingot	63.7	62.3	102.5	− 37.9
	TOTAL	85.3	97.9	138.9	− 38.6
	Scrap (+ dross)	8.6	11.0	9.9	− 13.1
Exports	Mill Products	44.1	60.9	48.9	− 9.8
	Ingot	16.8	24.4	31.8	− 47.2
	TOTAL	60.9	85.3	80.7	− 24.5
	Scrap	49.3	48.4	37.9	+ 30.1
Net Imports		(16.3)	(24.8)	30.3	−153.8

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

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Economic Affairs Department 202-862-5100 A 0400 - 1 December, 1979

Shipments Up 2.3 Per Cent

Net shipments of aluminum ingot and mill products through October, 1979, at an estimated 12,213 million pounds were 2.3% higher than shipments of 11,941 million pounds for 10 months of 1978.

Domestic shipments totalled 11,401 million pounds through October, 1979, representing an increase of 0.4% over the 11,360 million pounds shipped in the first 10 months of 1978.

Exports of 812 million pounds so far this year were up 39.8% vs. 581 million pounds for 10 months of 1978.

Thru October 1979

	10 Mos. 1979	10 Mos. 1978	% Change
Mill Products	9,878	9,810	+ 0.7
Ingot	2,335	2,131	+ 9.6
Total	12,213	11,941	+ 2.3
Less Exports	−812	−581	+39.8
Domestic Total	11,401	11,360	+ 0.4

Millions of Pounds

Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

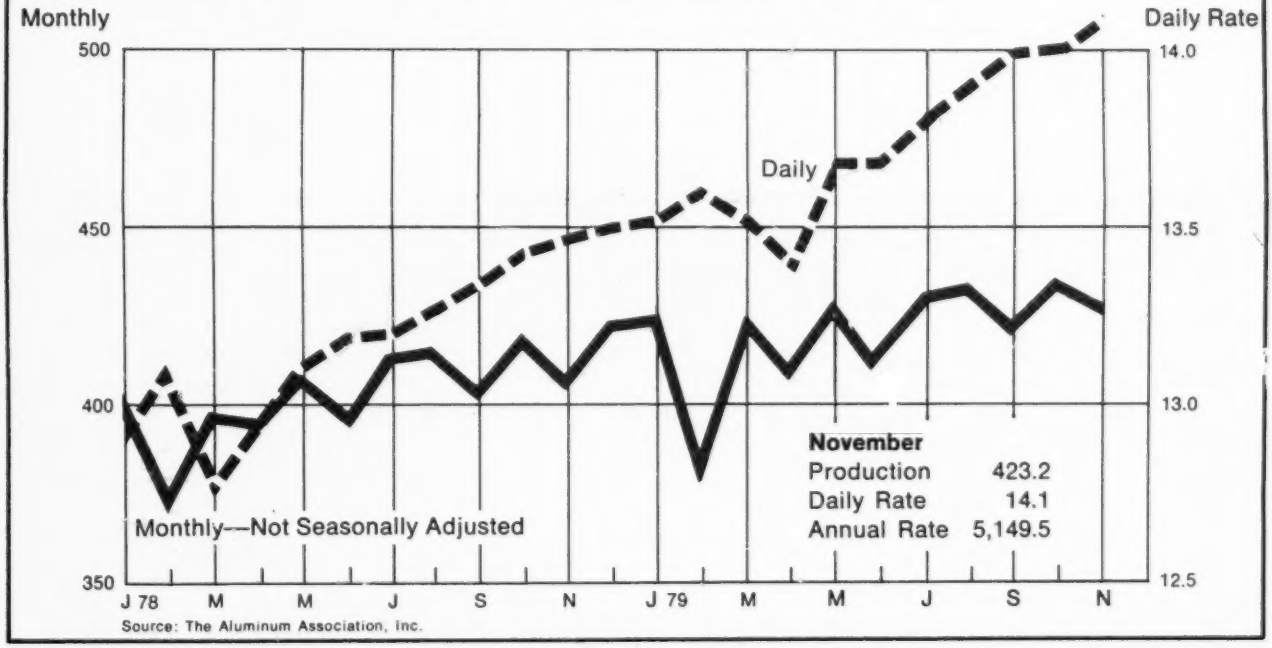
Primary Production Rate Up 4.9 Per Cent

U.S. primary aluminum production averaged 14,108 short tons daily during November, 1979, compared with an average 13,448 tons a day in November, 1978.

The annual rate of production in November, 1979 was 5,149,469 tons, compared to 4,908,690 tons in November, 1978. The October production rate was 5,119,031 tons.

Actual production in November, 1979, was 423,244 tons. This compared with 403,454 tons in November, 1978 and 434,767 tons in October, 1979.

U.S. Primary Aluminum Production—Thousands of Short Tons



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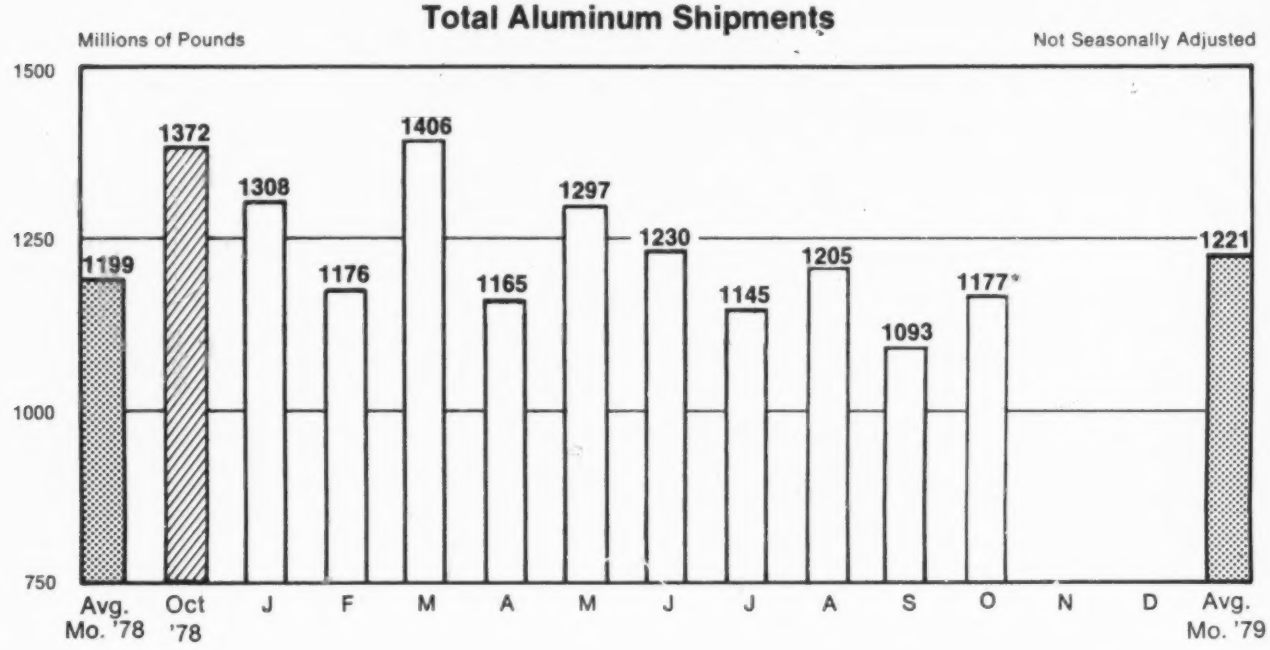
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

	1979		1978	% Change Latest Month
	October*	September	October	1979 v. 1978
Sheet & Plate	498.0	489.9	575.2	−13.4
Foil	75.0	66.1	76.6	− 2.1
Rod, Bar & Wire	41.0	35.0	30.7	+33.6
Electrical Conductor	77.0	68.1	72.5	+ 6.2
Extruded Products	196.0	166.5	226.0	−13.3
Welded Tube	6.0	4.2	5.1	+17.6
Powder & Pigments	9.0	11.8	10.8	−16.7
Forgings & Impacts	13.0	8.6	11.7	+11.1
Net Imports of Mill Products (Total) (a)	19.0	17.9	31.9	−40.4
Total Mill Products	934.0	868.1	1,040.5	−10.2
Ingot	243.0(b)	224.7	331.3	−26.7
TOTAL INDUSTRY SHIPMENTS	1,177.0	1,092.8	1,371.8	−14.2
Exports	(97.7)	(60.9)	(71.1)	+37.4
TOTAL DOMESTIC SHIPMENTS	1,079.3	1,031.9	1,300.7	−17.0

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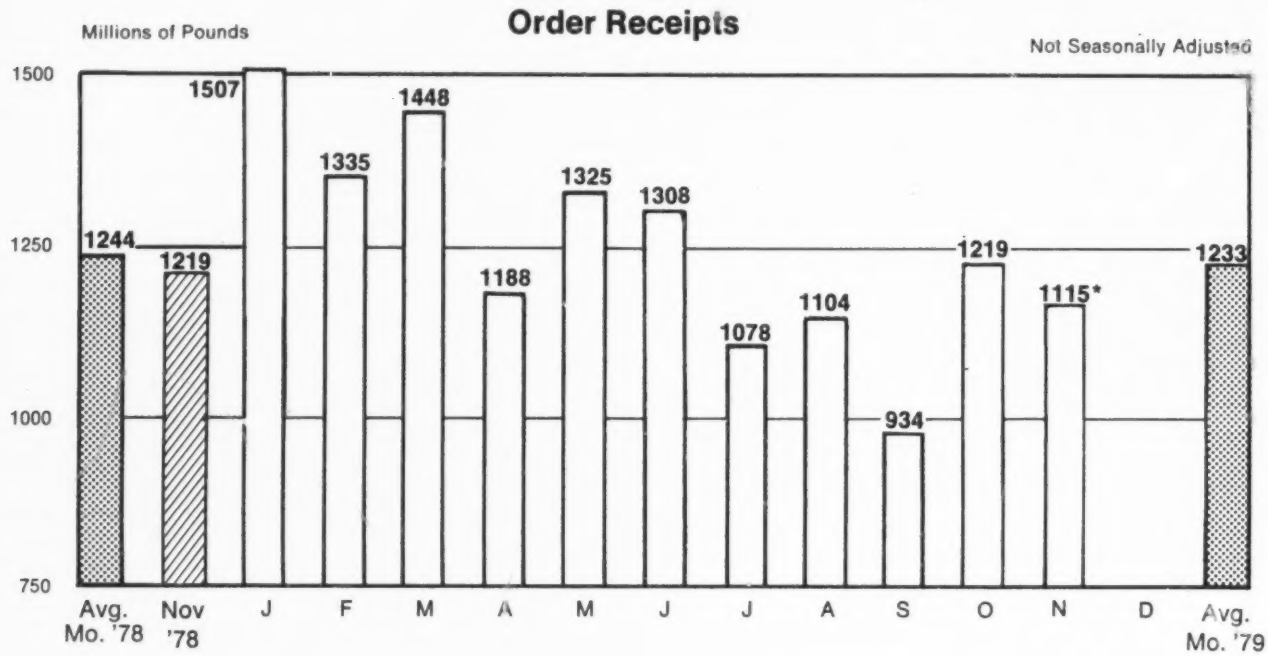
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r—revised.

October Shipments Down 14.2 Per Cent from Year Ago

Total October net shipments of 1,177 million pounds were down an estimated 14.2% vs. October, 1978. They were also up about 7.7% from September, 1979 shipments of 1,093 million pounds. Domestic shipments were down 17.0% below October, 1978, but 4.6% above September, 1979.



Order Receipts

Millions of Pounds

	1979		1978	% Change
	November*	October	November	Latest Month 1979 v. 1978
Can Stock	185.4	211.9	140.0	+32.4
Sheet & Plate, Other	287.1	287.8r	350.6	−18.1
Foil	67.2	74.6r	76.2	−11.8
Rod, Bar & Wire	25.4	25.8r	20.1	+26.4
Electrical Conductor	50.4	74.3	75.6	−33.3
Extruded Products	151.4	187.8r	235.9	−35.8
Primary Ingot	61.7	48.9	82.5	−25.2
Other (Including Secondary Ingot)	194.2	229.4	152.1	+27.7
TOTAL DOMESTIC	1,022.8	1,140.5r	1,133.0	− 9.7
Exports	92.5	78.8	85.5	+ 8.2
TOTAL ALL PRODUCTS	1,115.3	1,219.3r	1,218.5	− 8.5

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

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November Orders Down 8.5% From Year Ago

November order receipts at 1,115 million pounds were down 8.5% from November, 1978 orders of 1,219 million pounds, coincidentally, the same volume as in the previous month of October, 1979. Cumulative eleven month orders totalled 13,560 million pounds, about 1.2% less than 11 months of 1978.

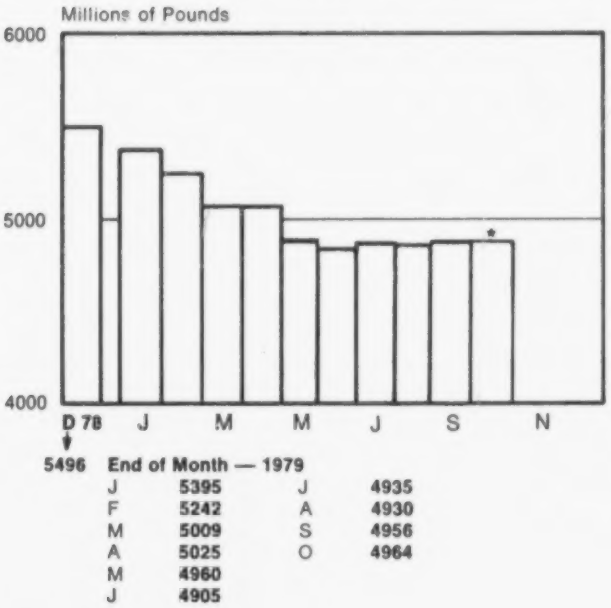
Producer Stocks Up Slightly

Producer inventories increased an estimated 8 million pounds in October, 1979, from 4,956 million pounds in September to an estimated 4,964 million pounds.

Integrated producer stocks went up 1 million pounds; secondary smelters were unchanged, and nonintegrateds' stocks increased 7 million pounds.

Inventories through 10 months of 1979 were down an estimated 532 million pounds from year-end 1978.

Inventories



Producer Inventories
(Millions of Pounds)

Producers	Oct '79	Sep '79	Oct '79 vs. Year End '78
Integrateds	4,044	4,043	−415
Smelters	262	262	+ 1
Nonintegrated	658	651	−118
TOTAL	4,964	4,956	−532

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1979 October	1979 September	1978 October	% Change Latest Month 1979 v. 1978
Imports	Mill Products	22.5	21.6	35.4	− 36.4
	Ingot	78.7	63.7	173.7	− 54.7
	TOTAL	101.2	85.3	209.1	− 51.6
	Scrap (+ dross)	10.6	8.6	16.4	− 35.4
Exports	Mill Products	59.3	44.1	35.6	+ 66.6
	Ingot	38.4	16.8	35.5	+ 8.2
	TOTAL	97.7	60.9	71.1	+ 37.4
	Scrap	56.2	49.3	35.2	+ 59.7
Net Imports		(42.1)	(16.3)	119.2	−135.3

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

Our Best Wishes for a Happy Holiday Season!

The Aluminum Situation

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Economic Affairs Department 202-862-5100

January, 1980

Shipments up 1.5 Per Cent

Net shipments of aluminum ingot and mill products through November, 1979, at an estimated 13,358 million pounds were 1.5% higher than shipments of 13,155 million pounds for 11 months of 1978.

Domestic shipments totalled 12,462 million pounds through November, 1979, representing a decrease of 0.2% below the 12,488 million pounds shipped in the first 11 months of 1978.

Thru November 1979

	11 Mos. 1979	11 Mos. 1978	% Change
Mill Products	10,740	10,781	− 0.4
Ingot	2,618	2,374	+10.3
Total	13,358	13,155	+ 1.5
Less Exports	−896	−667	+34.3
Domestic Total	12,462	12,488	− 0.2

Millions of Pounds

Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

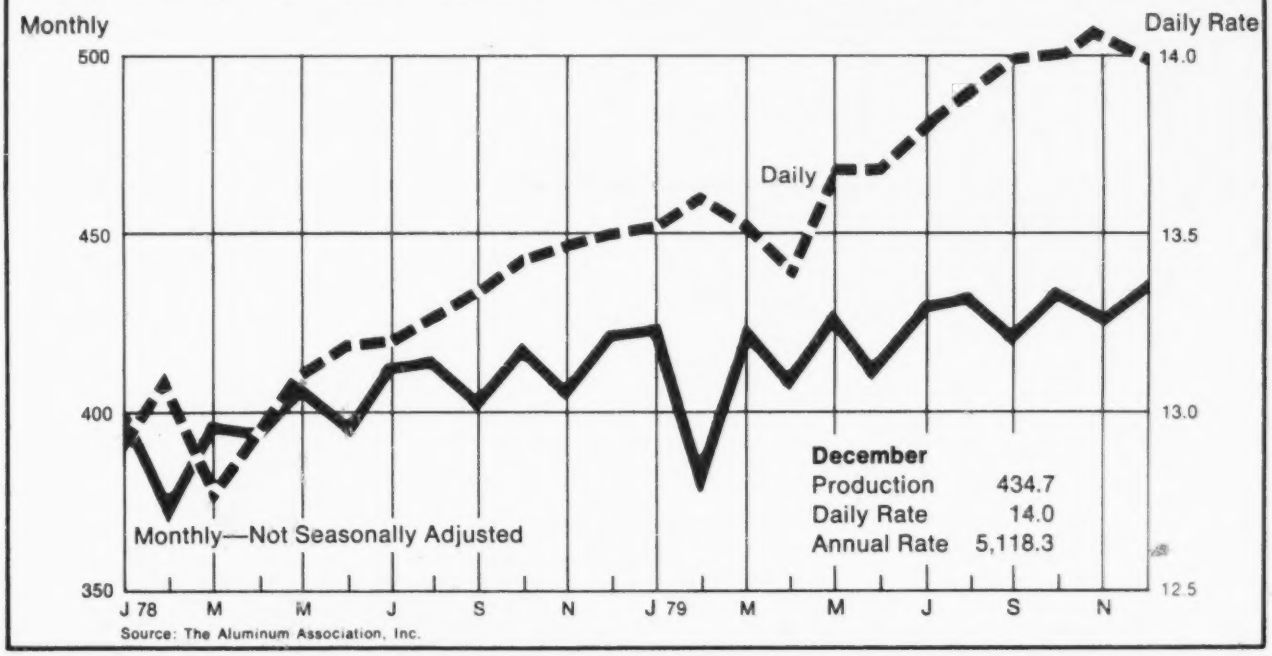
1979 Primary Production Up 4.6% vs. 1978

U.S. primary aluminum production for 1979 totalled 5,023,092 short tons, up 4.6% over the 1978 total of 4,803,777 short tons. During December, 1979, production averaged 14,023 short tons daily vs. 13,500 tons a day in December, 1978.

The annual rate of production in December, 1979 was 5,118,265 tons, compared to 4,927,347 tons in December, 1978. The November production rate was 5,149,469 tons.

Actual production in December, 1979 was 434,702 tons. This compared with 418,487 tons in December, 1978 and 423,244 tons in November, 1979.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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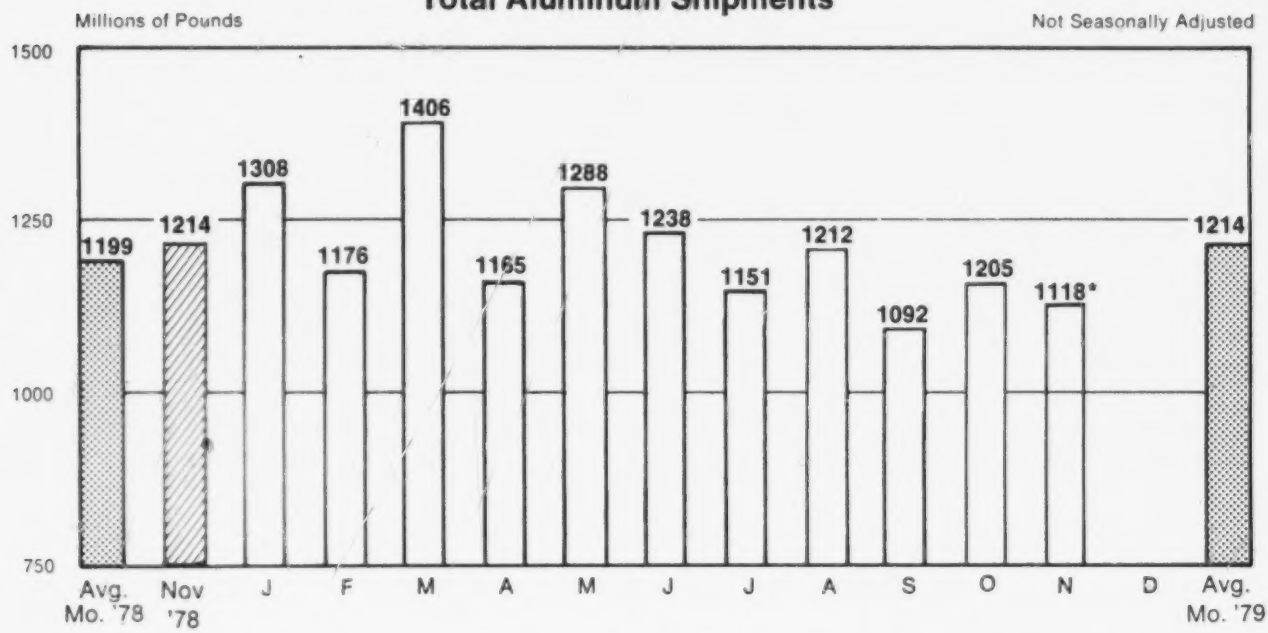
Total Aluminum Shipments



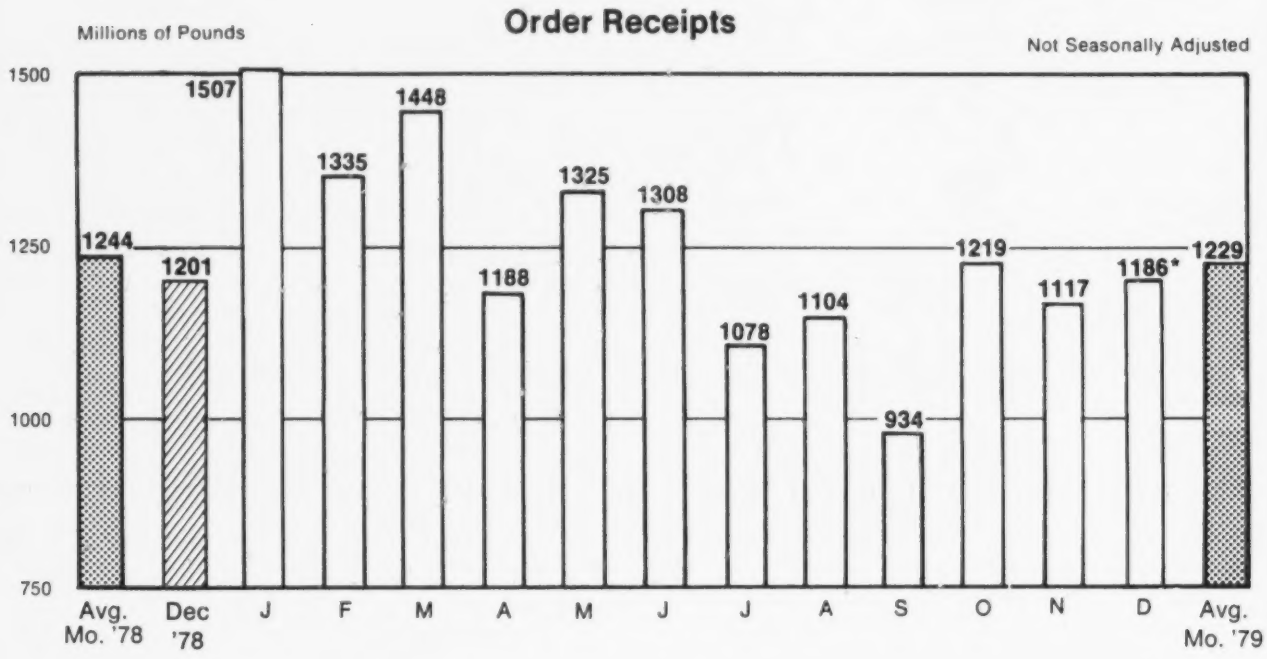
Net Shipments
(Millions of Pounds)

	1979		1978	% Change Latest Month
	November*	October	November	1979 v. 1978
Sheet & Plate	452.0	499.0	519.4	−13.0
Foil	66.0	76.4	76.6	−13.8
Rod, Bar & Wire	35.0	38.0	32.1	+ 9.0
Electrical Conductor	70.0	78.3	67.6	+ 3.6
Extruded Products	177.0	201.4	209.8	−15.6
Welded Tube	6.0	4.8	5.4	+11.1
Powder & Pigments	7.0	9.2	12.9	−45.7
Forgings & Impacts	12.0	12.7	11.6	+ 3.4
Net Imports of Mill Products (Total) (a)	23.0	21.4	35.0	−34.3
Total Mill Products	848.0	941.2	970.4	−12.6
Ingot	270.0(b)	263.6	243.7	+10.8
TOTAL INDUSTRY SHIPMENTS	1,118.0	1,204.8	1,214.1	− 7.9
Exports	(83.6)	(97.7)	(85.6)	− 2.2
TOTAL DOMESTIC SHIPMENTS	1,034.4	1,107.1	1,128.5	− 8.3

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

November Shipments Down 7.9 Per Cent from Year Ago

Total November net shipments of 1,118 million pounds were down an estimated 7.9% vs. November, 1978. They were also down about 7.2% from October, 1979 shipments of 1,205 million pounds. Domestic shipments were down 8.3% below November, 1978, and 6.8% below October, 1979.



Order Receipts
Millions of Pounds

	1979		1978	% Change
	December*	November	December	Latest Month 1979 v. 1978
Can Stock	225.7	185.4	128.5	+75.6
Sheet & Plate, Other	294.1	287.1	345.1	−14.8
Foil	65.9	67.2	66.1	− 0.3
Rod, Bar & Wire	17.0	25.4	21.9	−22.4
Electrical Conductor	55.7	51.4r	92.2	−39.6
Extruded Products	151.5	151.4	179.1	−15.4
Primary Ingot	42.5	62.5r	78.5	−45.9
Other (Including Secondary Ingot)	230.6	194.2	169.0	+36.4
TOTAL DOMESTIC	1,083.0	1,024.6r	1,080.4	+ 0.2
Exports	103.2	92.5	120.1	−14.1
TOTAL ALL PRODUCTS	1,186.2	1,117.1r	1,200.5	− 1.2

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

December Orders Down 1.2% From Year Ago

December order receipts at 1,186 million pounds were down 1.2% from December, 1978 orders of 1,201 million pounds. However, they represented an increase of 6.2% over November, 1979.

Order receipts for the year 1979 totalled 14,748 million pounds, only 177 million pounds (or 1.2%) less than 1978's total of 14,925 million pounds.

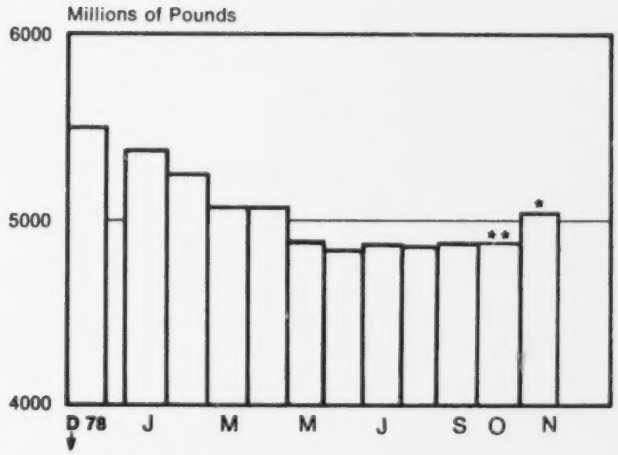
Producer Stocks Increased

Producer inventories increased an estimated 70 million pounds in November, 1979, from 4,960 million pounds in October to an estimated 5,030 million pounds.

Integrated producer stocks went up 38 million pounds. Secondary smelters' and nonintegrateds' stocks increased 32 million pounds.

Inventories through 11 months of 1979 were down an estimated 466 million pounds from year-end 1978.

Inventories



5496 End of Month — 1979

J	5395	J	4935
F	5242	A	4930
M	5009	S	4958
A	5025	O	4960
M	4960	N	5030
J	4905		

Producer Inventories
(Millions of Pounds)

Producers	Nov '79*	Oct '79**	Nov '79 vs. Year End '78
Integrateds	4,082	4,044	−377
Smelters	268	247	+ 7
Nonintegrated	680	669	− 96
TOTAL	5,030	4,960	−466

* Latest month estimates by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.
** Estimated by Aluminum Association. October inventory published by Bureau of Census will be revised.

Imports and Exports
(Millions of Pounds)

		1979		1978	% Change Latest Month 1979 v. 1978
		November	October	November	
Imports	Mill Products	23.9	22.5	36.7	− 34.9
	Ingot	82.3	78.7	86.1	− 4.4
	TOTAL	106.2	101.2	122.8	− 13.5
	Scrap (+ dross)	12.4	10.6	25.1	− 50.6
Exports	Mill Products	49.2	59.3	39.4	+ 24.9
	Ingot	34.4	38.4	46.2	− 25.5
	TOTAL	83.6	97.7	85.6	− 2.3
	Scrap	57.2	56.2	42.8	+ 33.6
Net Imports		(22.2)	(42.1)	19.5	−213.9

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

February, 1980

Annual Shipments Up 0.7 Per Cent

Net shipments of aluminum ingot and mill products through December, 1979, at an estimated 14,489 million pounds were 0.7% higher than shipments of 14,390 million pounds for 12 months of 1978.

Domestic shipments totalled 13,466 million pounds through December, 1979, representing a decrease of 1.3% below the 13,643 million pounds shipped in the first 12 months of 1978.

Exports of 1,023 million pounds were up 36.9% vs. 747 million pounds for 12 months of 1978.

Thru December 1979 (Preliminary)

	12 Mos. 1979	12 Mos. 1978	% Change
Mill Products	11,591	11,740	− 1.3
Ingot	2,898	2,650	+ 9.4
Total	14,489	14,390	+ 0.7
Less Exports	−1,023	−747	+36.9
Domestic Total	13,466	13,643	− 1.3

Millions of Pounds

Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

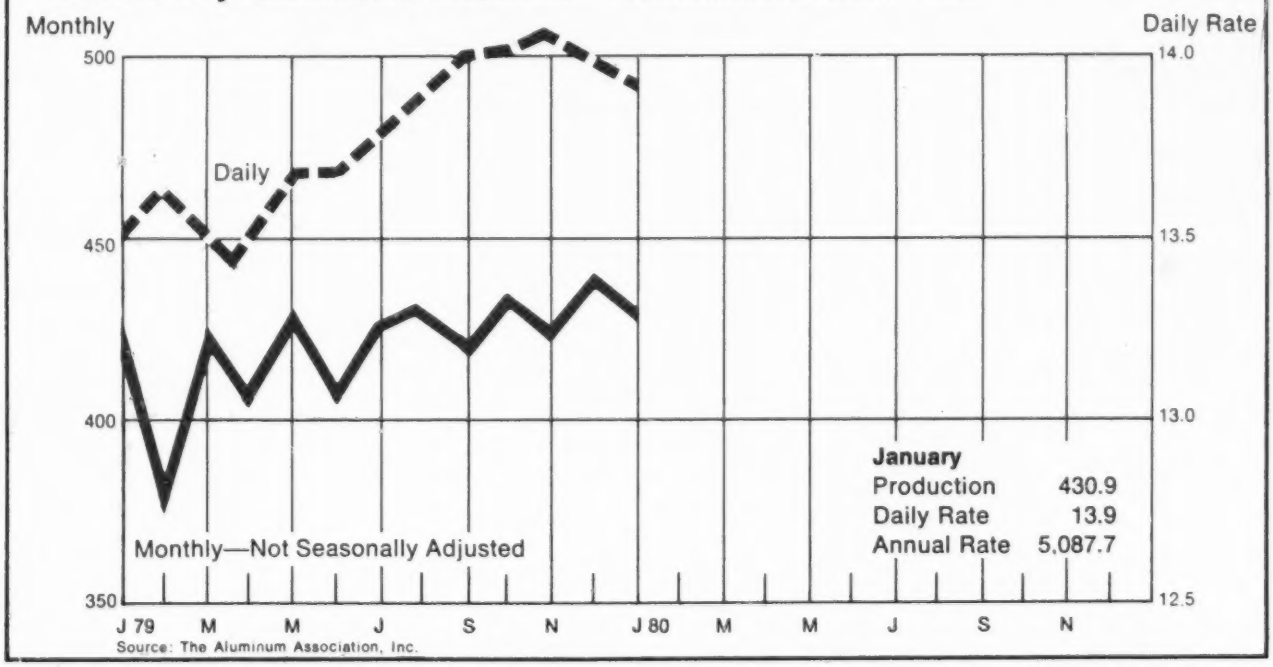
Primary Production Rate Up 3.1 Per Cent

U.S. primary aluminum production averaged 13,901 short tons daily during January, 1980, compared with an average 13,493 tons a day in January, 1979.

The annual rate of production in January, 1980 was 5,087,677 tons, compared to 4,924,969 tons in January, 1979. The December, 1979 production rate was 5,118,265 tons.

Actual production in January, 1980 was 430,924 tons. This compared with 418,285 tons in January, 1979 and 434,702 tons in December, 1979.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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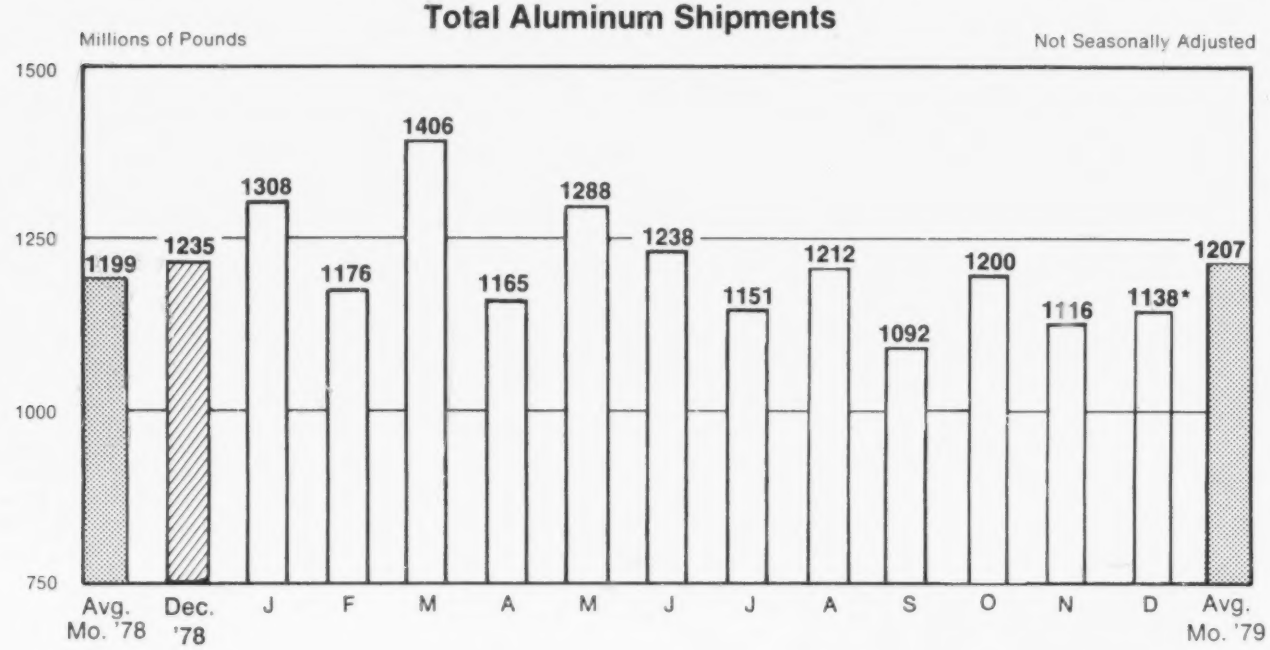
Total Aluminum Shipments



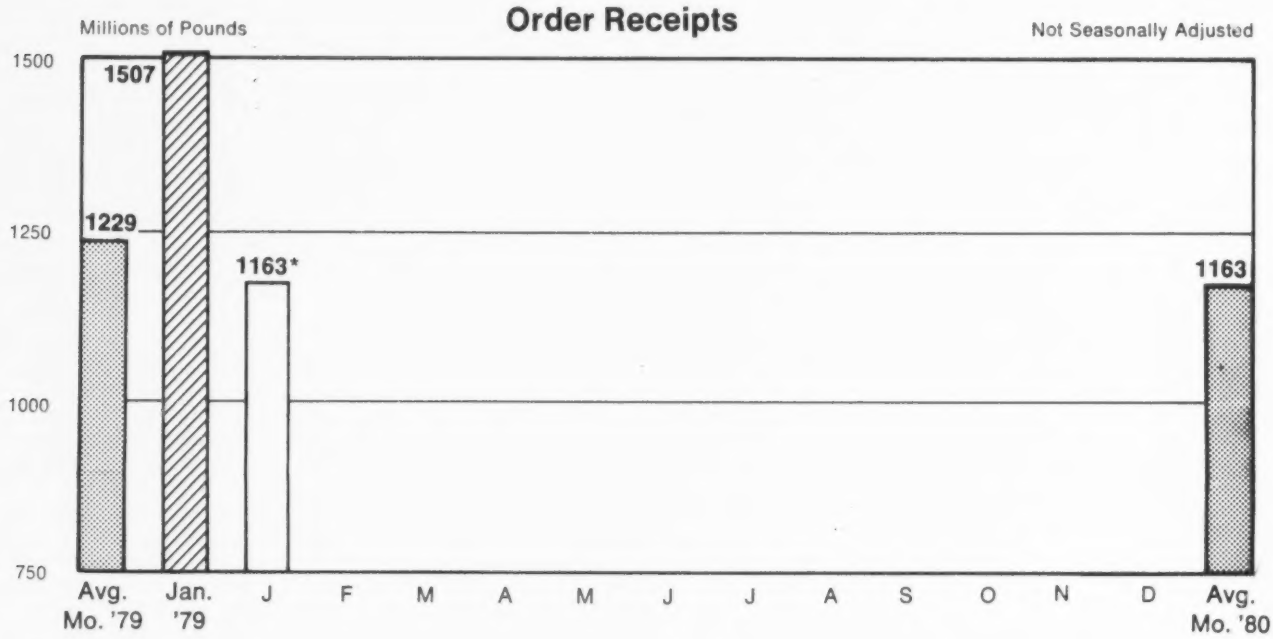
Net Shipments
(Millions of Pounds)

	1979		1978	% Change
	December*	November	December	Latest Month 1979 v. 1978
Sheet & Plate	466.0	449.3	522.9	−10.9
Foil	65.0	66.1	75.5	−13.9
Rod, Bar & Wire	34.0	31.8	40.8	−16.7
Electrical Conductor	66.0	68.7	68.8	− 4.1
Extruded Products	169.0	185.8	188.4	−10.3
Welded Tube	6.0	6.7	6.6	− 9.1
Powder & Pigments	7.0	9.4	13.7	−48.9
Forgings & Impacts	10.0	11.8	11.7	−14.5
Net Imports of Mill Products (Total) (a)	20.0	22.9	31.0	−35.5
Total Mill Products	843.0	852.5	959.4	−12.1
Ingot	295.0(b)	263.9	276.0	+ 6.9
TOTAL INDUSTRY SHIPMENTS	1,138.0	1,116.4	1,235.4	− 7.9
Exports	(127.1)	(83.6)	(80.9)	+57.1
TOTAL DOMESTIC SHIPMENTS	1,010.9	1,032.8	1,154.5	−12.4

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

December Shipments Down 7.9 Per Cent vs. December, 1978

Total December net shipments of 1,138 million pounds were down an estimated 7.9% vs. December, 1978. They were up about 1.9% over November, 1979 shipments of 1,116 million pounds. Domestic shipments were down 12.4% below December, 1978, and 2.1% below November, 1979.



Order Receipts
Millions of Pounds

	1980 January*	1979 December	1979 January	% Change Latest Month 1979 v. 1978
Can Stock	212.6	225.7	281.1	−24.4
Sheet & Plate, Other	335.7	294.1	401.6	−16.4
Foil	60.0	65.9	77.8	−22.9
Rod, Bar & Wire	25.3	17.0	24.3	+ 4.1
Electrical Conductor	68.3	55.8r	83.0	−17.7
Extruded Products	140.8	151.4r	271.4	−48.1
Primary Ingot	78.7	44.3r	98.8	−20.3
Other (Including Secondary Ingot)	162.0	229.5r	207.5	−21.9
TOTAL DOMESTIC	1,083.4	1,083.7r	1,445.5	−25.1
Exports	79.4	103.0r	61.5	+29.1
TOTAL ALL PRODUCTS	1,162.8	1,186.7r	1,507.0	−22.8

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

January Orders 2.0% Below December, 1979

January order receipts at 1,163 million pounds were down 2.0% from December, 1979 orders of 1,187 million pounds. However, they were 22.8% below January, 1979 orders, which at 1,507 million pounds, represented an all-time record month. Domestic orders for January totalled 1,083 million pounds, no change from December, 1979.

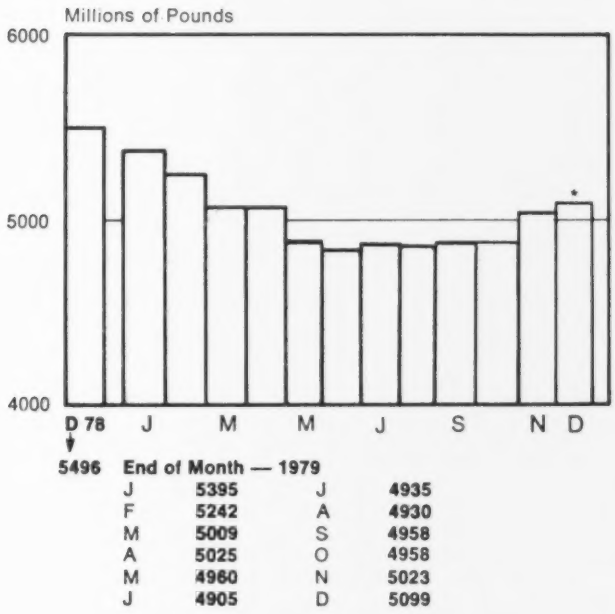
Producer Stocks Rising

Producer inventories increased an estimated 76 million pounds in December, 1979, from 5,023 million pounds in November to an estimated 5,099 million pounds.

Integrated producer stocks went up 59 million pounds. Secondary smelters' and nonintegrateds' stocks together increased 17 million pounds.

Preliminary estimates indicate that producer inventories at the end of 1979 declined 397 million pounds vs. year-end 1978.

Inventories



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J	5395	J	4935
F	5242	A	4930
M	5009	S	4958
A	5025	O	4958
M	4960	N	5023
J	4905	D	5099

Producer Inventories
(Millions of Pounds)

Producers	Dec. '79*	Nov. '79	Dec. '79 vs. Year End '78
Integrateds	4,139	4,080	−320
Smelters	250	242	− 11
Nonintegrated	710	701	− 66
TOTAL	5,099	5,023	−397

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1979		1978	% Change Latest Month 1979 v. 1978
		December	November	December	
Imports	Mill Products	21.1	23.9	37.1	− 43.1
	Ingot	125.2	82.3	70.0	+ 78.9
	TOTAL	146.3	106.2	107.1	+ 36.6
	Scrap (+ dross)	10.9	12.4	20.5	− 46.8
Exports	Mill Products	59.9	49.2	52.3	+ 14.5
	Ingot	67.2	34.4	28.6	+135.0
	TOTAL	127.1	83.6	80.9	+ 57.1
	Scrap	68.6	57.2	36.6	+ 87.4
Net Imports		(38.5)	(22.2)	10.1	−481.2

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

The year 1979 saw imports decline 478 million pounds and exports rise by 501 million pounds. Net imports dropped to 81 million pounds vs. 1,060 million pounds at year-end 1978.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

March, 1980

Shipments Down 6.8 Per Cent

Net shipments of aluminum ingot and mill products in January, 1980, at an estimated 1,218 million pounds were 6.8% lower than shipments of 1,307 million pounds for the first month of 1979.

Domestic shipments totalled 1,104 million pounds in January, 1980, representing a decrease of 7.9% below the 1,199 million pounds shipped in the first month of 1979.

Exports of 114 million pounds were up 5.6% vs. 108 million pounds for the first month of 1979.

Thru January 1980

	1 Mo. 1980	1 Mo. 1979	% Change
Mill Products	967	1,044	−7.4
Ingot	251	263	−4.6
Total	1,218	1,307	−6.8
Less Exports	−114	−108	+5.6
Domestic Total	1,104	1,199	−7.9

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

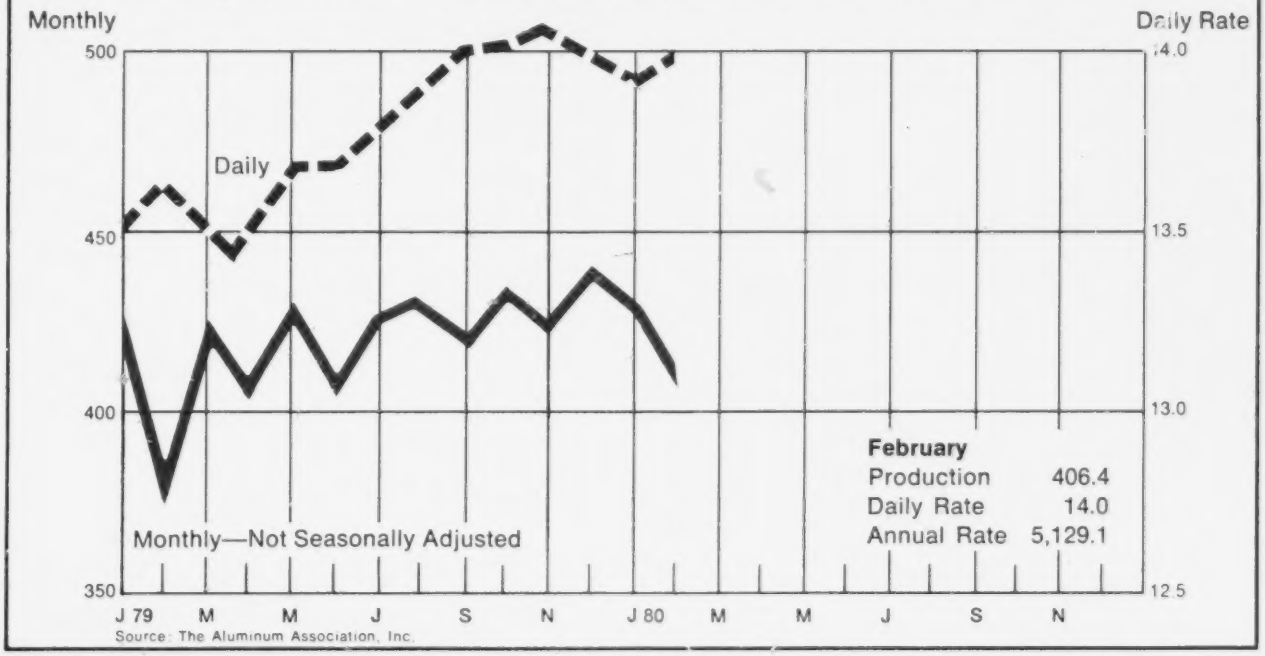
Primary Production Rate Up 3.4 Per Cent

U.S. primary aluminum production averaged 14,014 short tons daily during February, 1980, compared with an average 13,550 tons a day in February, 1979.

The annual rate of production in February, 1980 was 5,129,074 tons, compared to 4,945,815 tons in February, 1979. The January, 1980 production rate was 5,087,677 tons.

Actual production in February, 1980 was 406,402 tons. This compared with 379,405 tons in February, 1979 and 430,924 tons in January, 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



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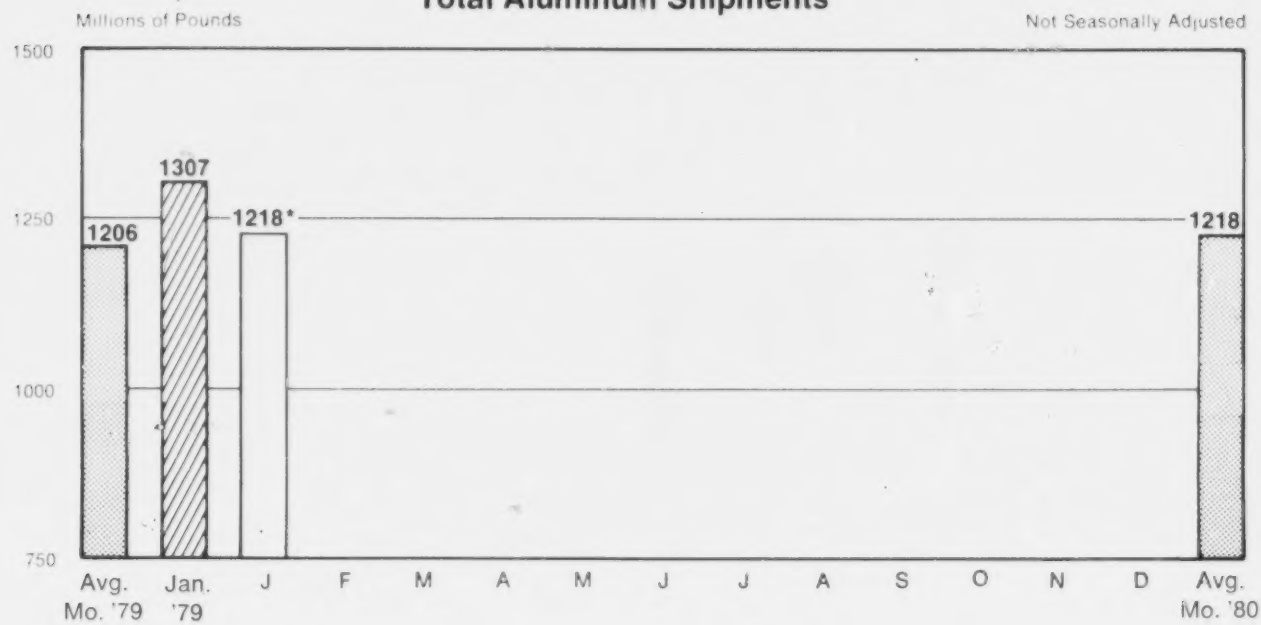
Total Aluminum Shipments



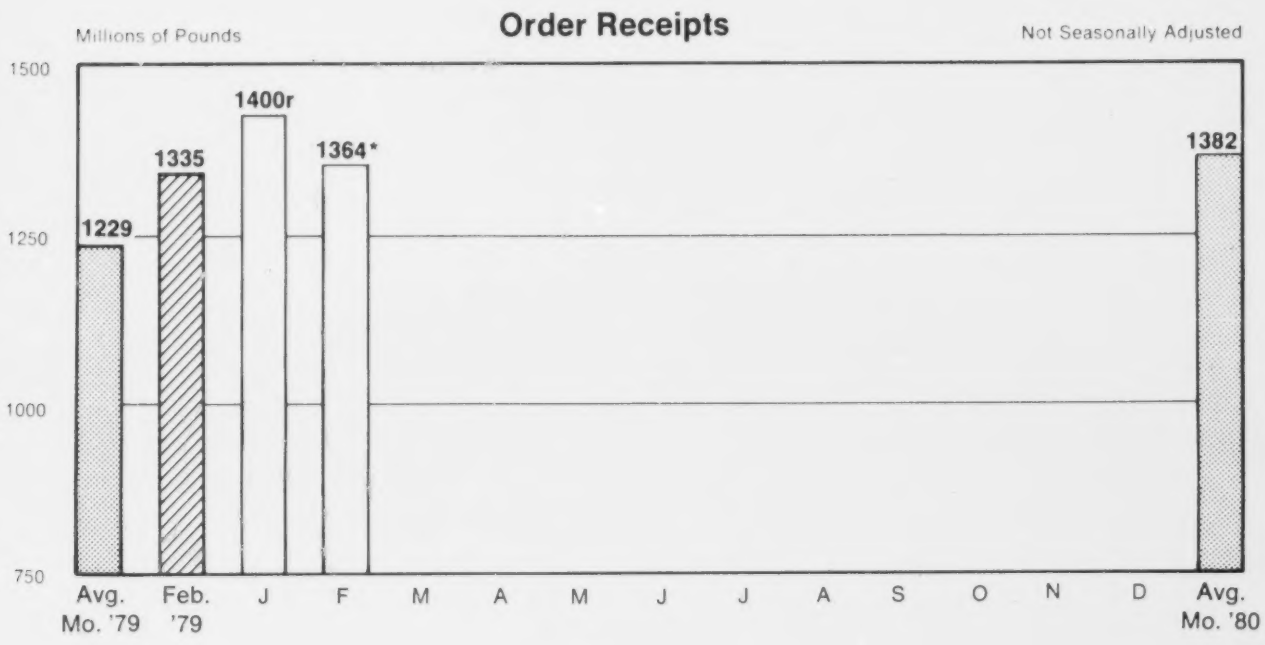
Net Shipments
(Millions of Pounds)

	1980 January*	1979 December	1979 January	% Change Latest Month 1980 v. 1979
Sheet & Plate	545.0	454.6	572.7	− 4.8
Foil	74.0	66.0	77.8	− 4.9
Rod, Bar & Wire	44.0	31.2	38.4	+14.6
Electrical Conductor	72.0	63.9	72.9	− 1.2
Extruded Products	187.0	160.8	216.2	−13.5
Welded Tube	5.0	6.4	6.0	−16.7
Powder & Pigments	9.0	8.4	9.7	− 7.2
Forgings & Impacts	12.0	9.9	12.8	− 6.3
Net Imports of Mill Products (Total) (a)	19.0	19.4	37.7	−49.6
Total Mill Products	967.0	820.6	1,044.2	− 7.4
Ingot	251.0(b)	313.2	263.2	− 4.6
TOTAL INDUSTRY SHIPMENTS	1,218.0	1,133.8	1,307.4	− 6.8
Exports	(114.0)	(127.1)	(108.4)	+ 5.2
TOTAL DOMESTIC SHIPMENTS	1,104.0	1,006.7	1,199.0	− 7.9

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

January Shipments Down 6.8 Per Cent from Year Ago

Total January net shipments of 1,218 million pounds were down an estimated 6.8% vs. January, 1979. They were up about 7.4% from December, 1979 shipments of 1,134 million pounds. Domestic shipments were down 7.9% below January, 1979, but up 9.7% over December, 1979.



Order Receipts
Millions of Pounds

	1980 February*	1980 January	1979 February	% Change Latest Month 1980 v. 1979
Can Stock	178.7	238.9r	228.1	−21.7
Sheet & Plate, Other	464.9	416.0r	350.7	+32.6
Foil	71.4	70.7r	69.2	+ 3.2
Rod, Bar & Wire	35.1	29.4r	31.8	+10.4
Electrical Conductor	73.3	80.9r	68.2	+ 7.5
Extruded Products	178.5	173.8r	215.6	−17.2
Primary Ingot	93.3	96.3r	90.8	+ 2.8
Other (Including Secondary Ingot)	113.7	188.6r	194.3	−41.5
TOTAL DOMESTIC	1,208.9	1,294.6r	1,248.9	− 3.2
Exports	155.1	105.3r	86.0	+80.3
TOTAL ALL PRODUCTS	1,364.0	1,399.9r	1,334.9	+ 2.2

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

February Orders Up 2.2% From Year Ago

February order receipts at 1,364 million pounds were up 2.2% from February, 1979 orders of 1,335 million pounds. However, they were 2.6% below orders for January, 1980. Lower domestic orders for sheet, cans, extrusions and secondary ingot were offset by higher orders for export.

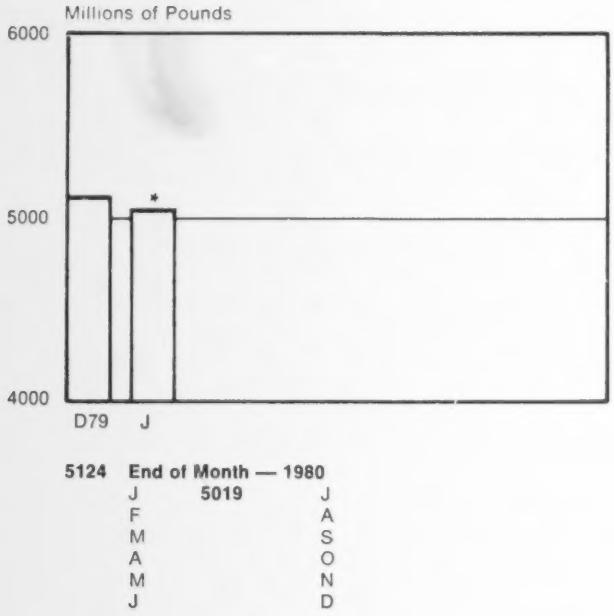
Producer Stocks Declined in January

Producer inventories decreased an estimated 105 million pounds in January, 1980, from 5,124 million pounds in December, 1979 to an estimated 5,019 million pounds.

Integrated producer stocks went down 50 million pounds, and nonintegrateds' stocks decreased 55 million pounds.

Preliminary published reports indicate that producer inventories at the end of 1979 declined 372 million pounds vs. year-end 1978.

Inventories



Producer Inventories
(Millions of Pounds)

Producers	Jan. '80*	Dec. '79	Jan. '80 vs. Year End '79
Integrateds	4,087	4,137	− 50
Smelters	232	232	—
Nonintegrated	700	755	− 55
TOTAL	5,019	5,124	−105

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1980 January	1979 December	1979 January	% Change Latest Month 1980 v. 1979
Imports	Mill Products	20.2	21.1	44.7	− 54.8
	Ingot	123.6	125.2	139.1	− 11.1
	TOTAL	143.8	146.3	183.8	− 21.8
	Scrap (+ dross)	10.1	10.9	9.0	+ 12.2
Exports	Mill Products	34.8	59.9	43.5	− 20.0
	Ingot	79.2	67.2	64.8	+ 22.2
	TOTAL	114.0	127.1	108.3	+ 5.3
	Scrap	68.7	68.6	35.1	+ 95.7
Net Imports		(28.8)	(38.5)	49.4	−158.3

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

April, 1980

Shipments Up 0.6 Per Cent

Net shipments of aluminum ingot and mill products through February, 1980 at an estimated 2,497 million pounds were 0.6% higher than shipments of 2,483 million pounds for 2 months of 1979.

Domestic shipments totalled 2,234 million pounds through February, 1980, representing a decline of 2.9% from the 2,300 million pounds shipped in the first 2 months of 1979.

Exports of 263 million pounds were up 43.7% vs. 183 million pounds for 2 months of 1979.

Thru February, 1980

	2 Mos. 1980	2 Mos. 1979	% Change
Mill Products	1,882	1,984	− 5.1
Ingot	615	499	+23.2
Total	2,497	2,483	+ 0.6
Less Exports	−263	−183	+43.7
Domestic Total	2,234	2,300	− 2.9

Millions of Pounds

Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

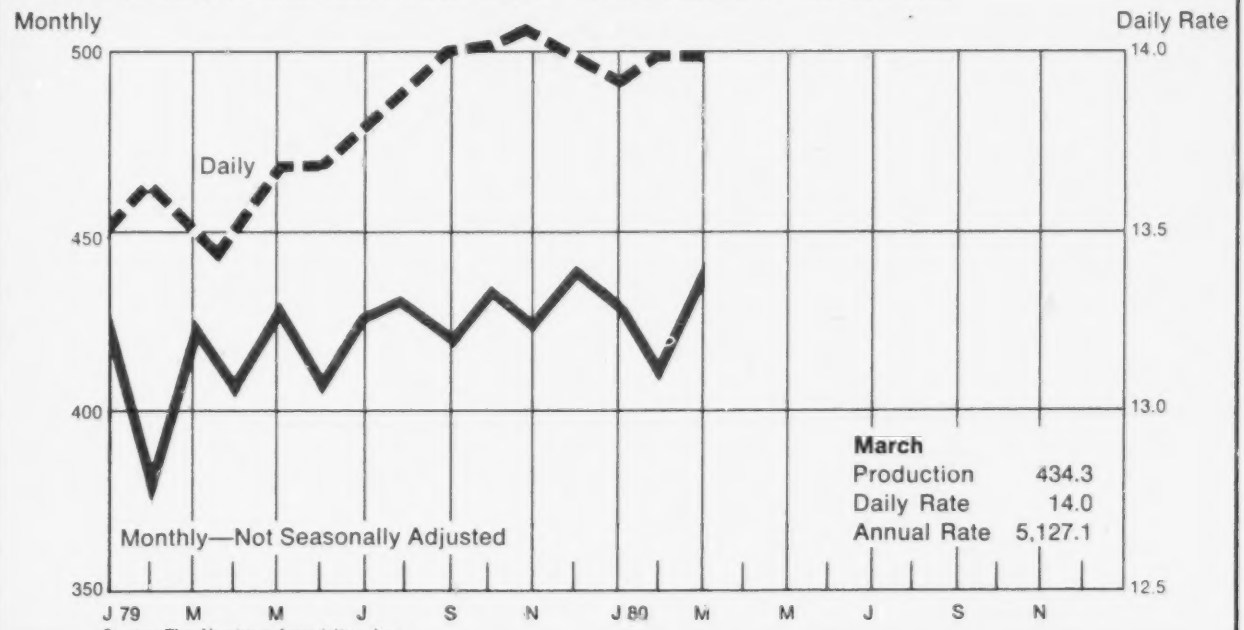
Primary Production Rate Up 3.6 Per Cent

U.S. primary aluminum production averaged 14,008 short tons daily during March, 1980, compared with an average 13,523 tons a day in March, 1979.

The annual rate of production in March, 1980 was 5,127,070 tons, compared to 4,935,954 tons in March, 1979. The February, 1980 production rate was 5,128,999 tons.

Actual production in March, 1980 was 434,260 tons. This compared with 419,218 tons in March, 1979 and 406,396 tons in February, 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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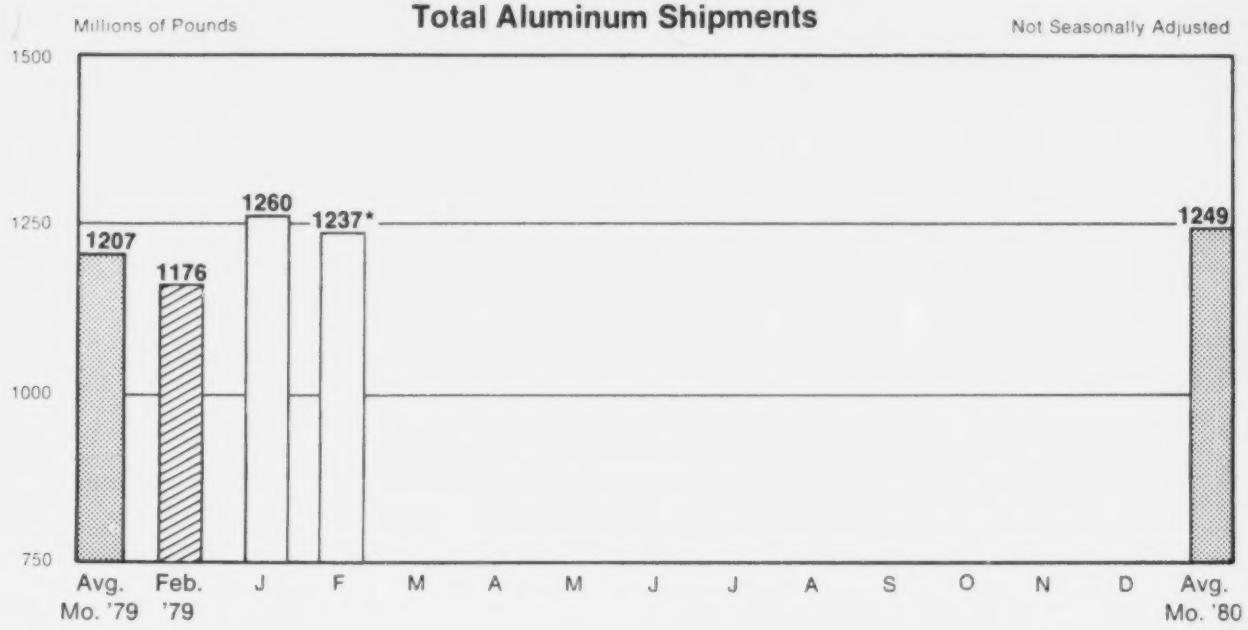


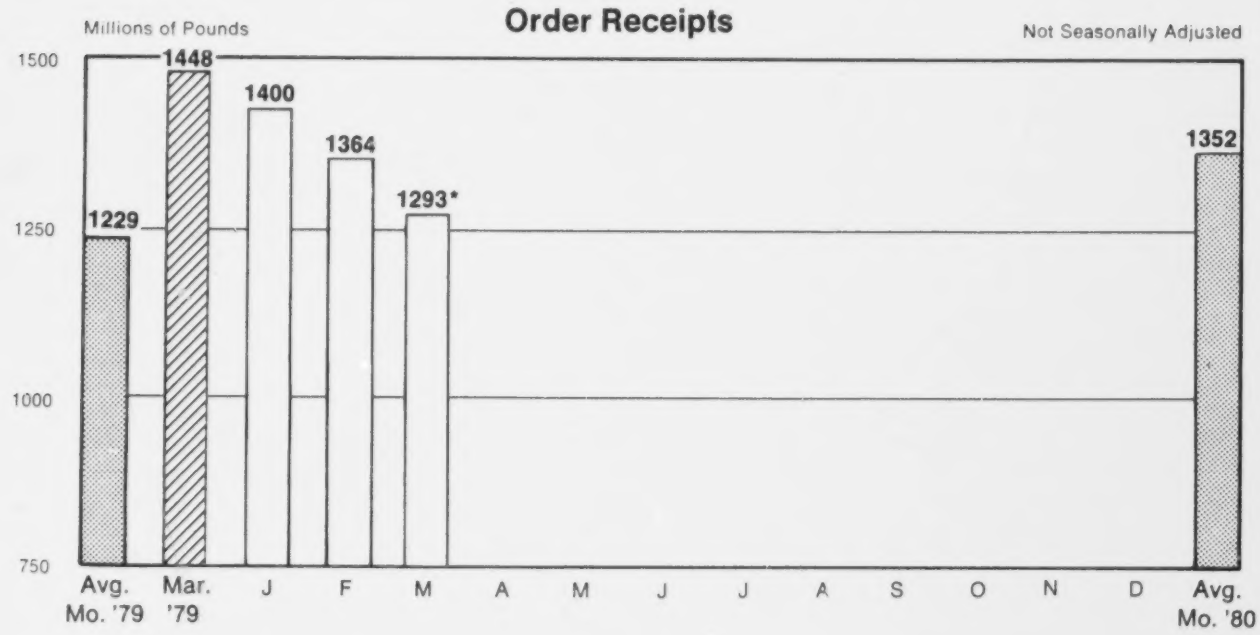
Net Shipments
(Millions of Pounds)

	1980 February*	1980 January	1979 February	% Change Latest Month 1980 v. 1979
Sheet & Plate	505.0	537.1	515.0	− 1.9
Foil	72.0	75.4	69.0	+ 4.3
Rod, Bar & Wire	43.0	36.5	28.8	+ 49.3
Electrical Conductor	72.0	70.7	68.8	+ 4.7
Extruded Products	189.0	199.6	200.6	− 5.8
Welded Tube	6.0	5.9	5.7	+ 5.3
Powder & Pigments	9.0	9.0	10.7	− 15.9
Forgings & Impacts	11.0	11.8	12.1	− 9.1
Net Imports of Mill Products (Total) (a)	13.0	15.6	29.1	− 55.3
Total Mill Products	920.0	961.6	939.8	− 2.1
Ingot	317.0(b)	298.6	236.2	+ 34.2
TOTAL INDUSTRY SHIPMENTS	1,237.0	1,260.2	1,176.0	+ 5.2
Exports	(149.0)	(114.0)	(74.4)	+ 100.3
TOTAL DOMESTIC SHIPMENTS	1,088.0	1,146.2	1,101.6	− 1.2

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

February Shipments Up 5.2 Per Cent vs. Year Ago

Total February net shipments of 1,237 million pounds were up an estimated 5.2% vs. February, 1979. They were down about 1.8% from January, 1980. Domestic shipments were 1.2% below February, 1979, but 5.1% below the previous month.



Order Receipts
Millions of Pounds

	1980 March*	1980 February	1979 March	% Change Latest Month 1980 v. 1979
Can Stock	237.0	178.7	222.6	+ 6.5
Sheet & Plate, Other	380.0	464.9	395.7	− 4.0
Foil	75.6	71.4	77.0	− 1.8
Rod, Bar & Wire	36.1	35.1	60.3	−40.1
Electrical Conductor	69.5	73.3	71.2	− 2.4
Extruded Products	186.8	178.5	222.9	−16.2
Primary Ingot	101.3	93.3	85.0	+19.2
Other (Including Secondary Ingot)	113.1	113.7	221.8	−49.0
TOTAL DOMESTIC	1,199.3	1,208.9	1,356.5	−11.6
Exports	93.9	155.1	91.4	+ 2.7
TOTAL ALL PRODUCTS	1,293.2	1,364.0	1,447.9	−10.7

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

March Orders Down 10.7 Per Cent From Year Ago

March order receipts at 1,293 million pounds were down 10.7% from March, 1979 orders of 1,448 million pounds. They were also down 5.2% from February, 1980. For the first quarter of 1980, order receipts totalled 4,057 million pounds, down 5.4% from 4,290 million pounds in 1979's first three months.

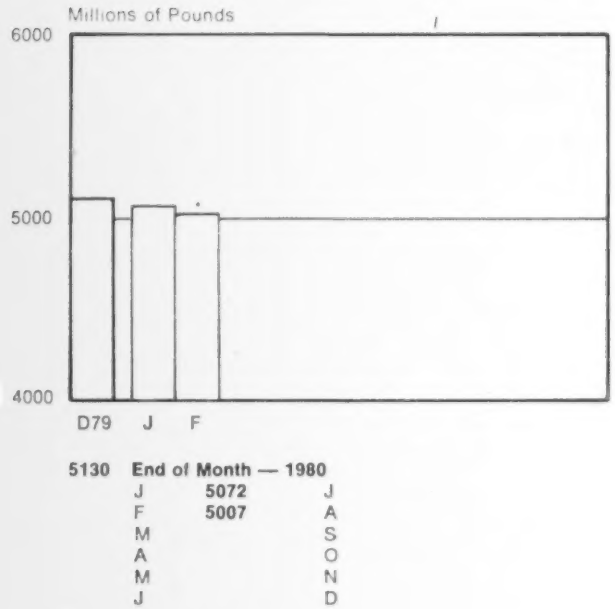
Producer Stocks Down in February

Producer inventories declined an estimated 65 million pounds in February, 1980, from 5,072 million pounds in January to an estimated 5,007 million pounds.

Integrated producer stocks went down 32 million pounds, and nonintegrateds' stocks dropped 33 million pounds.

Revised data indicate that producer inventories at the end of 1979 declined 366 million pounds vs. year-end 1978.

Inventories



5130 End of Month — 1980

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Producer Inventories
(Millions of Pounds)

Producers	Feb. '80*	Jan. '80*	Feb. '80 vs. Year End '79
Integrateds	4,070	4,102	− 72
Smelters	222	222	− 12
Nonintegrated	715	748	− 39
TOTAL	5,007	5,072	−123

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1980 February	1980 January	1979 February	% Change Latest Month 1980 v. 1979
Imports	Mill Products	17.1	20.2	33.6	− 49.1
	Ingot	90.5	123.6	82.0	+ 10.4
	TOTAL	107.6	143.8	115.6	− 6.9
	Scrap (+ dross)	10.8	10.1	12.1	− 10.7
Exports	Mill Products	73.6	34.8	43.5	+ 69.2
	Ingot	75.4	79.2	30.9	+144.0
	TOTAL	149.0	114.0	74.4	+100.3
	Scrap	77.7	68.7	41.0	+ 89.5
Net Imports		(108.3)	(28.8)	12.3	−880.5

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

The Aluminum Situation

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The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

May, 1980

First Quarter Shipments Down 3.7 Per Cent

Net shipments of aluminum ingot and mill products through March, 1980 at an estimated 3,804 million pounds were 3.7% less than shipments of 3,950 million pounds for 3 months of 1979.

Domestic shipments totalled 3,382 million pounds through March, 1980, representing a decline of 8.4% from the 3,692 million pounds shipped in the first 3 months of 1979.

Exports of 422 million pounds were up 63.6% vs. 258 million pounds for 3 months of 1979.

Thru March, 1980

	3 Mos. 1980	3 Mos. 1979	% Change
Mill Products	2,859	3,104	-- 7.9
Ingot	945	846	+11.7
Total	3,804	3,950	– 3.7
Less Exports	–422	–258	+63.6
Domestic Total	3,382	3,692	– 8.4

Millions of Pounds

Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

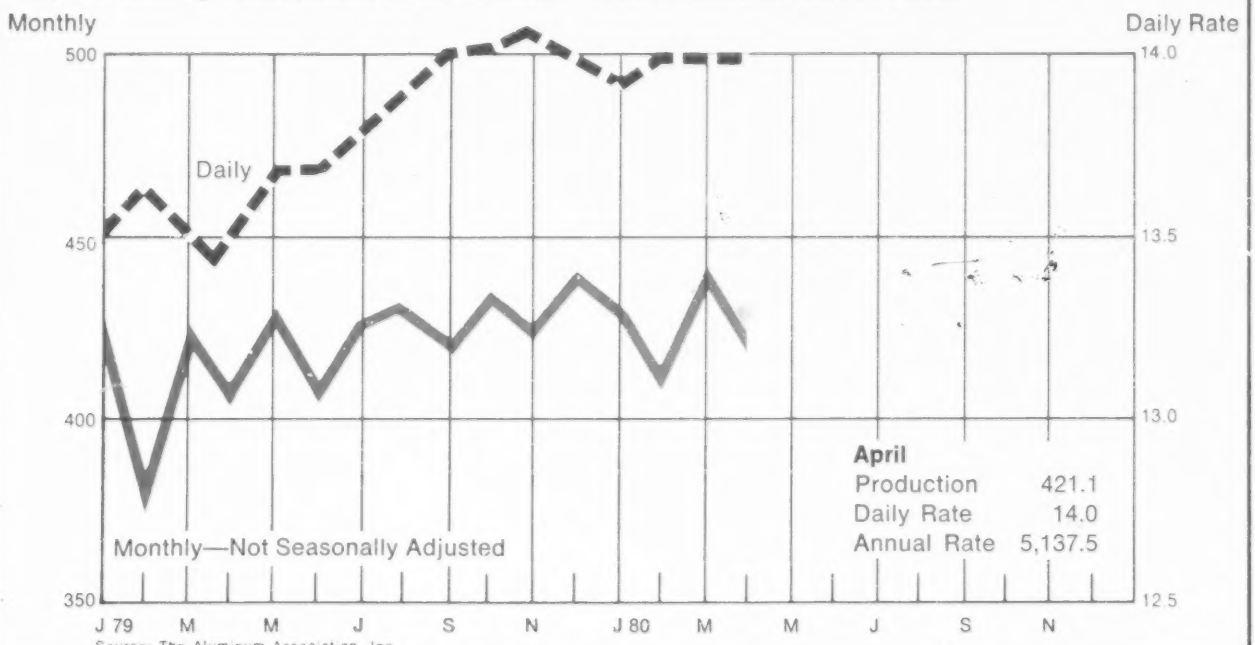
Primary Production Rate Up 4.8 Per Cent

U.S. primary aluminum production averaged 14,037 short tons daily during April, 1980, compared with an average 13,393 tons a day in April, 1979.

The annual rate of production in April, 1980 was 5,137,481 tons, compared to 4,888,390 tons in April, 1979. The March, 1980 production rate was 5,127,070 tons.

Actual production in April, 1980 was 421,105 tons. This compared with 401,786 tons in April, 1979 and 434,260 tons in March, 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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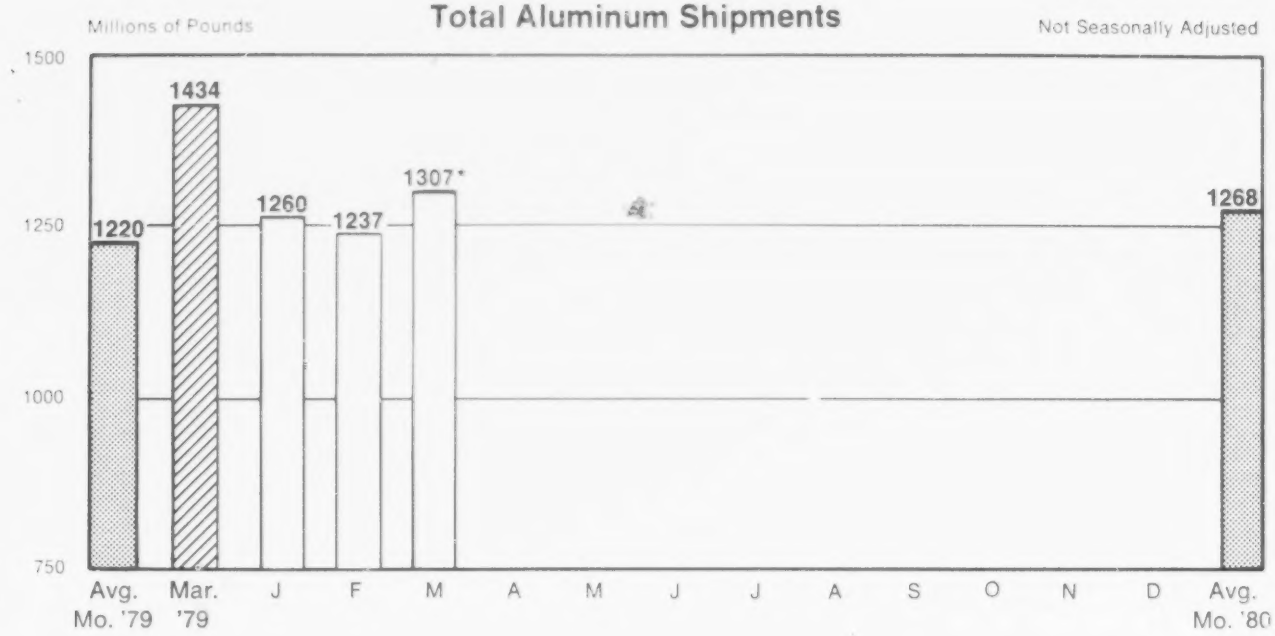


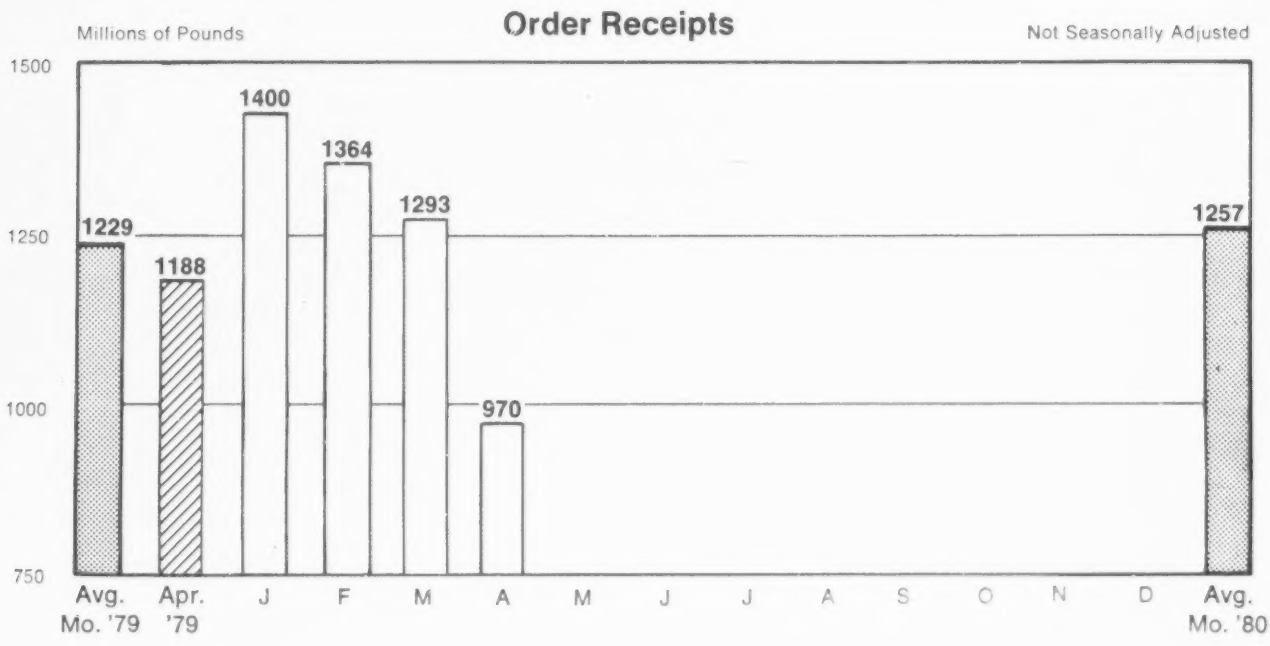
Net Shipments
(Millions of Pounds)

	1980 March*	1980 February*	1979 March	% Change Latest Month 1980 v. 1979
Sheet & Plate	543.0	505.0	632.2	− 14.1
Foil	83.0	72.0	85.8	− 3.3
Rod, Bar & Wire	43.0	43.0	34.0	+ 26.5
Electrical Conductor	72.0	72.0	78.5	− 8.3
Extruded Products	193.0	189.0	231.3	− 16.6
Welded Tube	7.0	6.0	8.8	− 20.5
Powder & Pigments	11.0	9.0	13.1	− 16.0
Forgings & Impacts	13.0	11.0	14.6	− 11.0
Net Imports of Mill Products (Total) (a)	12.0	13.0	33.1	− 63.7
Total Mill Products	977.0	920.0	1,131.4	− 13.6
Ingot	330.0(b)	317.0	302.2	+ 9.2
TOTAL INDUSTRY SHIPMENTS	1,307.0	1,237.0	1,433.6	− 8.8
Exports	(158.8)	(149.0)	(75.3)	+110.9
TOTAL DOMESTIC SHIPMENTS	1,148.2	1,088.0	1,358.3	− 15.5

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

March Shipments Down 8.8 Per Cent vs. Year Ago

Total March net shipments of 1,307 million pounds were down an estimated 8.8% vs. March, 1979; however, March was the highest shipping month in 1979. March, 1980 was 5.7% higher than February. Domestic shipments were 15.5% below March, 1979, but 5.5% higher than February, 1980.



Order Receipts

Millions of Pounds

	1980 April*	1980 March	1979 April	% Change Latest Month 1980 v. 1979
Can Stock	223.7	237.0	155.7	+43.7
Sheet & Plate, Other	168.9	380.0	356.5	−52.6
Foil	60.2	75.6	61.5	− 2.1
Rod, Bar & Wire	29.2	36.1	55.2	−47.1
Electrical Conductor	46.0	69.5	81.3	−43.4
Extruded Products	159.0	186.8	226.1	−29.7
Primary Ingot	79.1	101.3	67.8	+16.7
Other (Including Secondary Ingot)	83.0	113.1	115.3	−28.0
TOTAL DOMESTIC	849.1	1,199.3	1,119.4	−24.1
Exports	121.0	93.9	68.1	+77.7
TOTAL ALL PRODUCTS	970.1	1,293.2	1,187.5	−18.3

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

April Orders Down 18.3 Per Cent From Year Ago

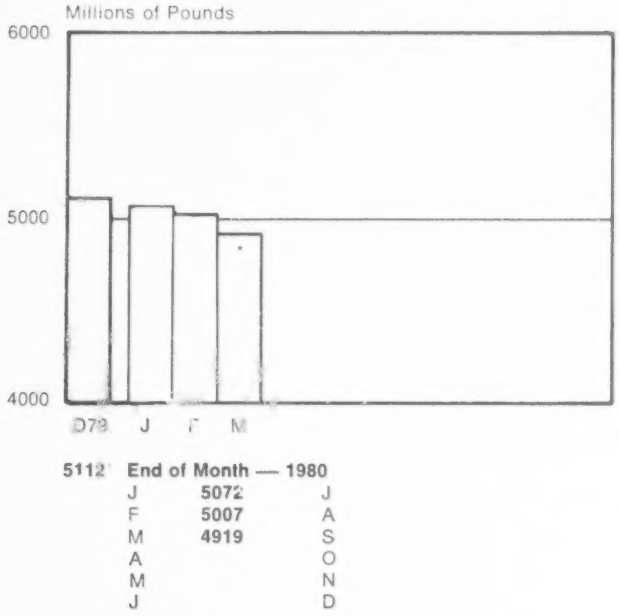
April order receipts at 970 million pounds were down 18.3% from April, 1979 orders of 1,188 million pounds. They were also down 25.0% from March, 1980.

Producer Stocks Down in March

Producer inventories declined an estimated 88 million pounds in March, 1980, from an estimated 5,007 million pounds in February to an estimated 4,919 million pounds.

Integrated producer stocks went down 73 million pounds. Secondary smelters' and nonintegrateds' stocks together dropped an estimated 15 million pounds.

Inventories



Producer Inventories
(Millions of Pounds)

Producers	Mar. '80*	Feb. '80 *	Mar. '80 vs. Year End '79
Integrateds	3,997	4,070	−127
Smelters	222	222	− 12
Nonintegrated	700	715	− 54
TOTAL	4,919	5,007	−193

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1980 March	1980 February	1979 March	% Change Latest Month 1980 v. 1979
Imports	Mill Products	16.8	17.1	43.9	− 61.7
	Ingot	95.6	90.5	107.7	− 11.2
	TOTAL	112.4	107.6	151.6	− 25.9
	Scrap (+ dross)	11.8	10.8	15.4	− 23.4
Exports	Mill Products	53.2	73.6	45.8	+ 16.2
	Ingot	105.6	75.4	29.5	+258.0
	TOTAL	158.8	149.0	75.3	+110.9
	Scrap	88.6	77.7	51.8	+ 71.0
Net Imports		(123.2)	(108.3)	39.9	−308.8

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Exports exclude backed foil.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

June, 1980

Notice: As this issue went to press, the Bureau of the Census had not yet published shipment or inventory data for February or March, 1980. Consequently, our estimates include three straight months without benefit of recent confirming data, and should be read with this in mind. Order and trade data are current.

Shipments Down 1.8 Per Cent

Net shipments of aluminum ingot and mill products through April, 1980 at an estimated 5,035 million pounds were 1.8% less than shipments of 5,127 million pounds for 4 months of 1979.

Domestic shipments totalled 4,451 million pounds through April, 1980, representing a decline of 7.0% from the 4,784 million pounds shipped in the first 4 months of 1979.

Thru April, 1980

	4 Mos. 1980	4 Mos. 1979	% Change
Mill Products	3,805	4,078	− 6.7
Ingot	1,230	1,049	+17.3
Total	5,035	5,127	− 1.8
Less Exports	−584	−343	+70.3
Domestic Total	4,451	4,784	− 7.0

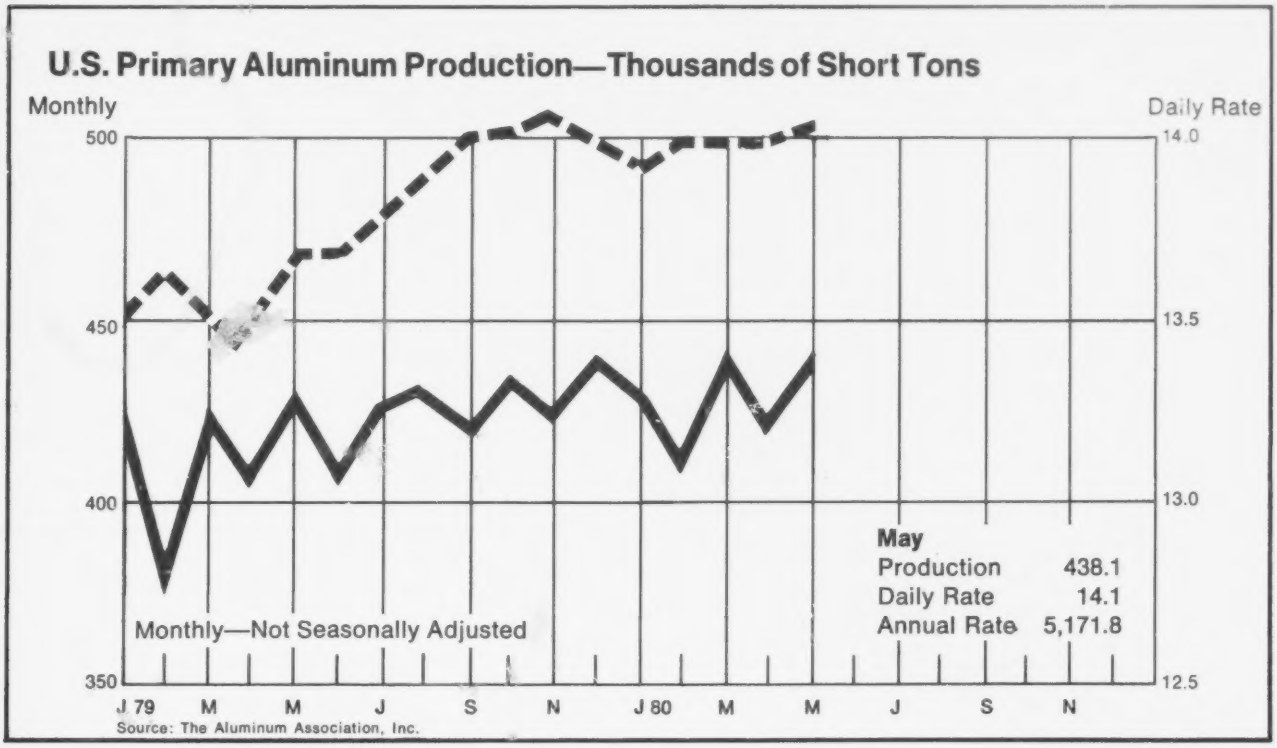
Millions of Pounds

Source: Latest three months estimated by the Aluminum Association. Previous data—Bureau of the Census

Primary Production Rate Up 3.5 Per Cent

U.S. primary aluminum production averaged 14,131 short tons daily during May, 1980, vs. 13,657 in May, 1979.

The annual rate of production in May, 1980 was 5,171,816 tons, compared to 4,984,923 tons in May, 1979. Actual production in May, 1980 was 438,050 tons vs. 423,377 tons in May, 1979.



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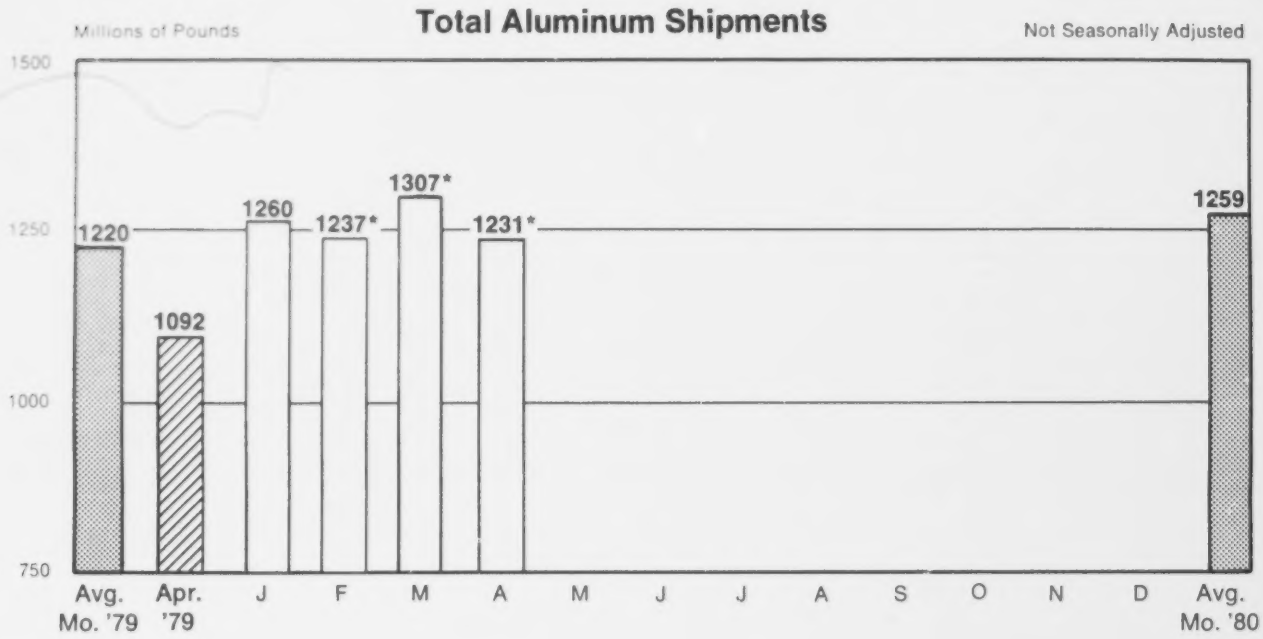


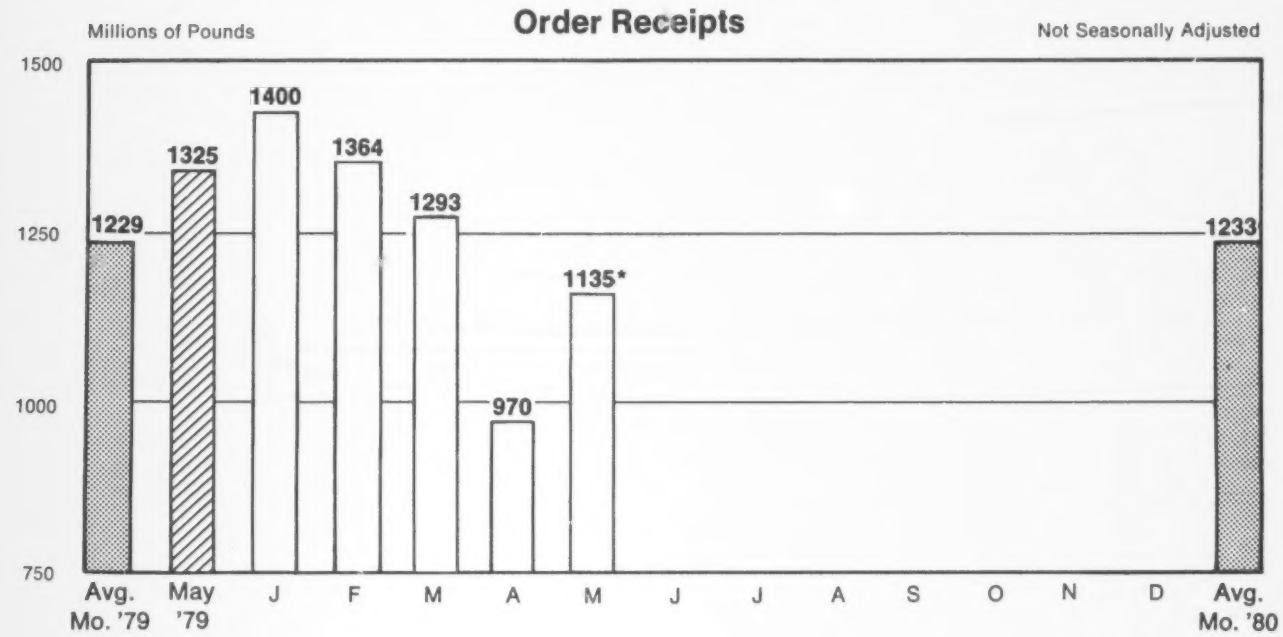
Net Shipments
(Millions of Pounds)

	1980 April*	1980 March*	1979 April	% Change Latest Month 1980 v. 1979
Sheet & Plate	529.0	543.0	523.6	+ 1.0
Foil	69.0	83.0	75.3	− 8.4
Rod, Bar & Wire	41.0	43.0	29.0	+41.4
Electrical Conductor	74.0	72.0	70.3	+ 5.3
Extruded Products	196.0	193.0	210.0	− 6.7
Welded Tube	7.0	7.0	7.4	− 5.4
Powder & Pigments	9.0	11.0	10.3	−12.6
Forgings & Impacts	11.0	13.0	12.7	−13.4
Net Imports of Mill Products (Total) (a)	10.0	12.0	35.8	−72.1
Total Mill Products	946.0	977.0	974.5	− 2.9
Ingot	285.0(b)	330.0(b)	202.5	+40.7
TOTAL INDUSTRY SHIPMENTS	1,231.0	1,307.0	1,177.0	+ 4.6
Exports	(162.3)	(158.8)	(85.1)	+90.7
TOTAL DOMESTIC SHIPMENTS	1,068.7	1,148.2	1,091.9	− 2.1

* Latest three months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

April Shipments Up 4.6 Per Cent vs. Year Ago

Total April net shipments of 1,231 million pounds were up an estimated 4.6% vs. April, 1979. However, April, 1980 was 5.8% lower than March. Domestic shipments were 2.1% below April, 1979, and 6.9% lower than March, 1980.



Order Receipts
Millions of Pounds

	1980 May*	1980 April*	1979 May	% Change Latest Month 1980 v. 1979
Can Stock	227.3	223.7	199.5	+ 13.9
Sheet & Plate, Other	159.5	168.9	320.5	− 50.2
Foil	47.5	60.2	68.0	− 30.1
Rod, Bar & Wire	20.7	29.2	47.7	− 56.6
Electrical Conductor	79.8	46.0	69.1	+ 15.5
Extruded Products	147.7	159.0	243.1	− 39.2
Primary Ingot	84.0	79.1	76.5	+ 9.8
Other (Including Secondary Ingot)	159.7	83.0	202.2	− 21.0
TOTAL DOMESTIC	926.2	849.1	1,226.6	− 24.5
Exports	208.9	121.0	98.0	+113.2
TOTAL ALL PRODUCTS	1,135.1	970.1	1,324.6	− 14.3

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

May Orders Were Up 17.0 Per Cent Over April, 1980

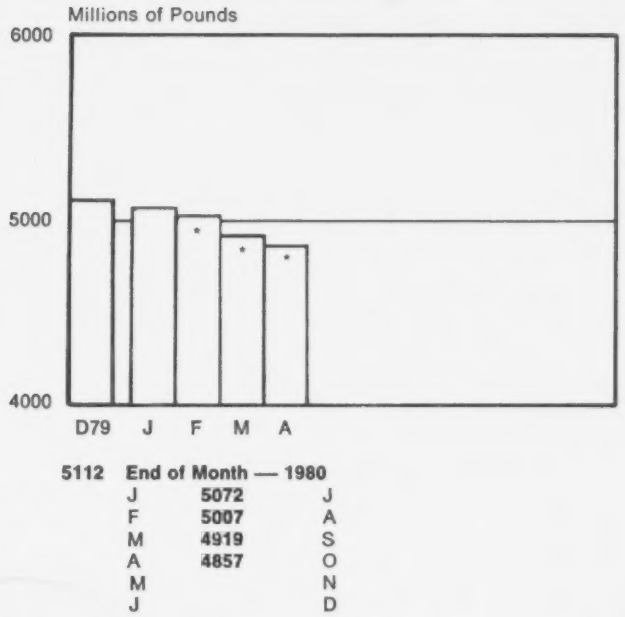
May order receipts at 1,135 million pounds were 17.0% higher than April, 1980. However, they registered a 14.3% decline from year ago May, 1979.

Producer Stocks Down in April

Producer inventories declined an estimated 62 million pounds in April, 1980, from an estimated 4,919 million pounds in March to an estimated 4,857 million pounds.

Integrated producer stocks went down 60 million pounds. Secondary smelters' and nonintegrateds' stocks together dropped an estimated 2 million pounds.

Inventories



Producer Inventories
(Millions of Pounds)

Producers	Apr. '80*	Mar. '80*	Apr. '80 vs. Year End '79
Integrateds	3,937	3,997	−187
Smelters	215	222	− 19
Nonintegrated	705	700	− 49
TOTAL	4,857	4,919	−255

* Latest three months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1980 April	1980 March	1979 April	% Change Latest Month 1980 v. 1979
Imports	Mill Products	14.4	16.6r	48.7r	− 70.4
	Ingot	90.7	95.6	88.3	+ 2.7
	TOTAL	105.1	112.2r	137.0r	− 23.3
	Scrap (+ dross)	11.0	11.8	9.6	+ 14.6
Exports	Mill Products	57.7	53.2	46.2	+ 24.9
	Ingot	104.6	105.6	38.8	+169.6
	TOTAL	162.3	158.8	85.0	+ 90.9
	Scrap	80.0	88.6	48.8	+ 63.9
Net Imports		(126.2)	(123.0)r	12.8r	−985.9

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Both imports and exports exclude backed foil.
r—revised

The Census summary for 1979, released May 1, is being revised as a result of reporting errors discovered after release of the publication. Some 1978 and 1979 monthly and annual figures will be affected. The revised report will be issued as soon as it can be thoroughly reviewed and necessary corrections made.

The Aluminum Situation

A Monthly Publication of
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Economic Affairs Department 202-862-5100

July, 1980

Shipments Down 4.7 Per Cent

Net shipments of aluminum ingot and mill products through May, 1980 at an estimated 6,127 million pounds were 4.7% less than shipments of 6,427 million pounds for 5 months of 1979.

Domestic shipments totalled 5,379 million pounds through May, 1980, representing a decline of 10.3% from the 5,999 million pounds shipped in the first 5 months of 1979.

Exports of 748 million pounds were up 74.8% vs. 428 million pounds for 5 months of 1979.

Thru May, 1980

	5 Mos. 1980	5 Mos. 1979	% Change
Mill Products	4,670	5,129	− 8.9
Ingot	1,457	1,298	+12.2
Total	6,127	6,427	− 4.7
Less Exports	−748	−428	+74.8
Domestic Total	5,379	5,999	−10.3

Millions of Pounds

Source: Latest two months estimated by the Aluminum Association. Previous date—Bureau of the Census.

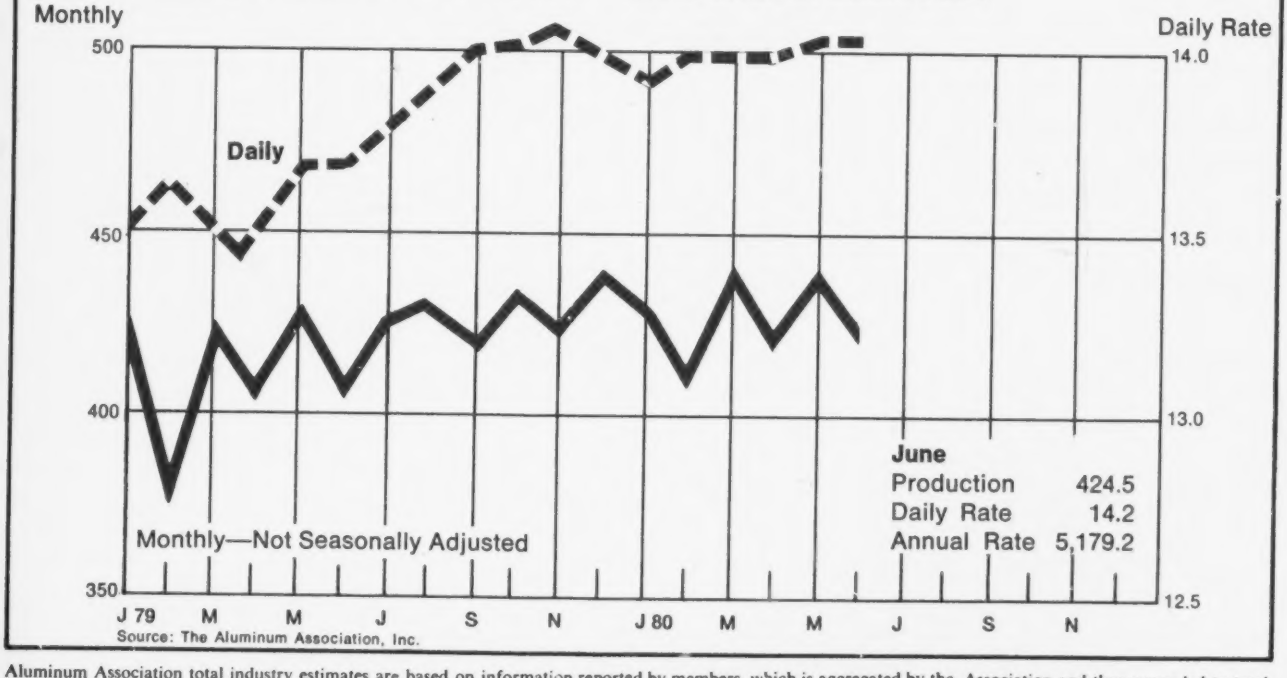
Primary Production Rate Up 3.4 Per Cent

U.S. primary aluminum production averaged 14,151 short tons daily during June, 1980, compared with an average 13,681 tons a day in June, 1979.

The annual rate of production in June, 1980 was 5,179,229 tons, compared to 4,993,729 tons in June, 1979. The May, 1980 production rate was 5,171,816 tons.

Actual production in June, 1980 was 424,527 tons. This compared with 410,444 tons in June, 1979 and 438,050 tons in May, 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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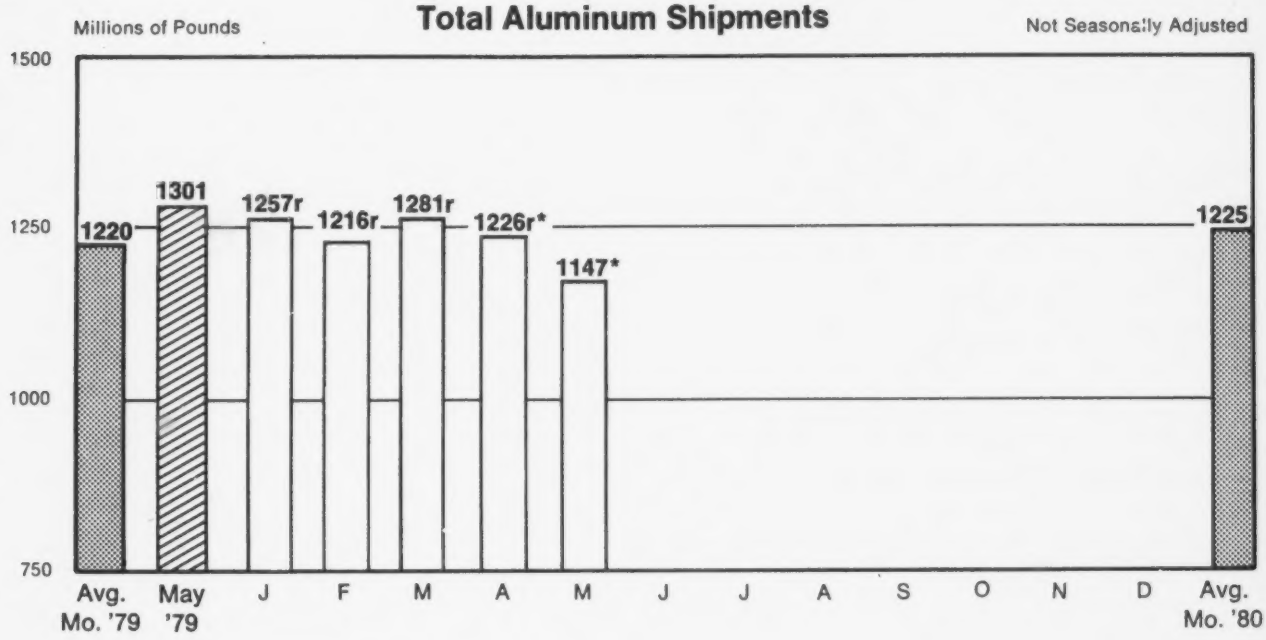


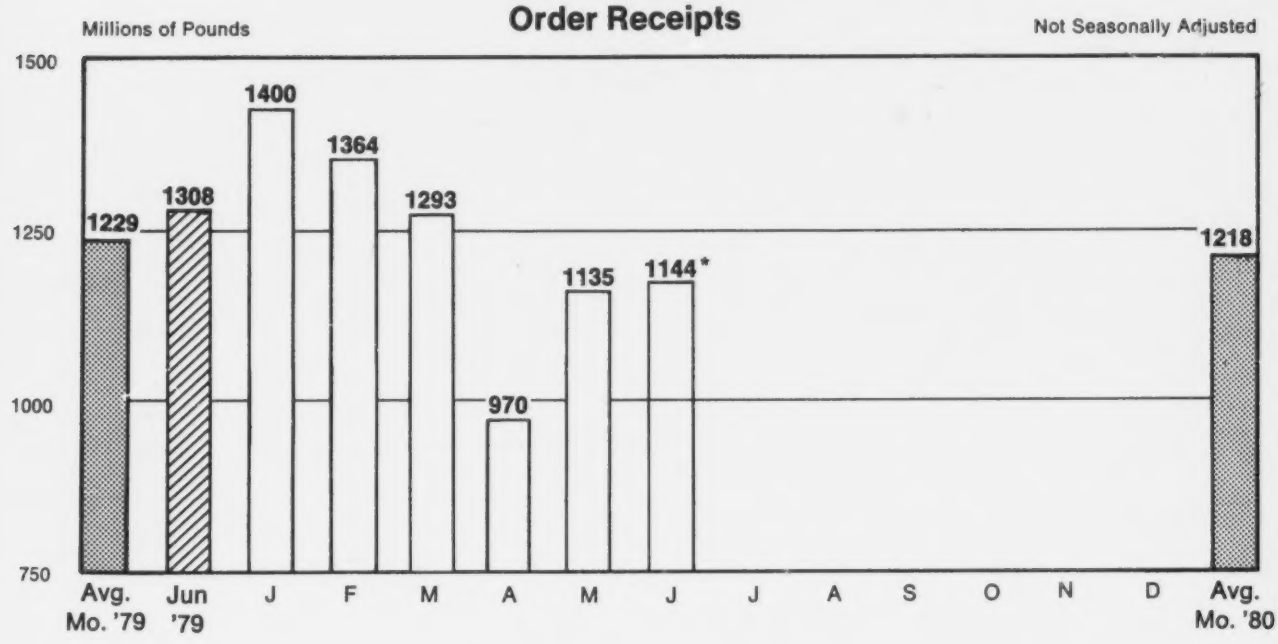
Net Shipments
(Millions of Pounds)

	1980 May*	1980 April *	1979 May	% Change Latest Month 1980 v. 1979
Sheet & Plate	509.0	524.0r	574.4	−11.4
Foil	66.0	69.0	82.2	−19.7
Rod, Bar & Wire	35.0	36.0r	32.9	+ 6.4
Electrical Conductor	72.0	71.0r	71.2	+ 1.1
Extruded Products	183.0	201.0r	219.8	−16.7
Welded Tube	5.0	7.0	9.3	−46.2
Powder & Pigments	9.0	9.0	12.5	−28.0
Forgings & Impacts	10.0	11.0	12.9	−22.5
Net Imports of Mill Products (Total) (a)	12.0	13.0r	36.1	−66.8
Total Mill Products	901.0	941.0r	1,051.3	−14.3
Ingot	246.0(b)	285.0	249.2	− 1.3
TOTAL INDUSTRY SHIPMENTS	1,147.0	1,226.0r	1,300.5	−11.8
Exports	(164.1)	(162.3)	(85.2)	+92.6
TOTAL DOMESTIC SHIPMENTS	982.9	1,063.7r	1,215.3	−19.1

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

May Shipments Down 11.8 Per Cent vs. Year Ago

Total estimated May net shipments of 1,147 million pounds were down 11.8% vs. May 1979 shipments of 1,301 million pounds. Domestic shipments were 19.1% below May, 1979, and 7.6% below April, 1980.



Order Receipts
Millions of Pounds

	1980 June*	1980 May	1979 June	% Change Latest Month 1980 v. 1979
Can Stock	229.7	227.3	247.8	− 7.3
Sheet & Plate, Other	149.6	159.5	297.6	− 49.7
Foil	68.2	47.5	71.0	− 3.9
Rod, Bar & Wire	23.4	20.7	38.3	− 38.9
Electrical Conductor	45.0	79.8	77.1	− 41.6
Extruded Products	135.2	147.7	221.2	− 38.9
Primary Ingot	80.4	84.0	55.3	+ 45.4
Other (Including Secondary Ingot)	183.3	159.7	212.9	− 13.9
TOTAL DOMESTIC	914.8	926.2	1,221.2	− 25.1
Exports	229.1	208.9	87.0	+163.3
TOTAL ALL PRODUCTS	1,143.9	1,135.1	1,308.2	− 12.6

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

June Orders Up 0.8 Per Cent Over May, 1980

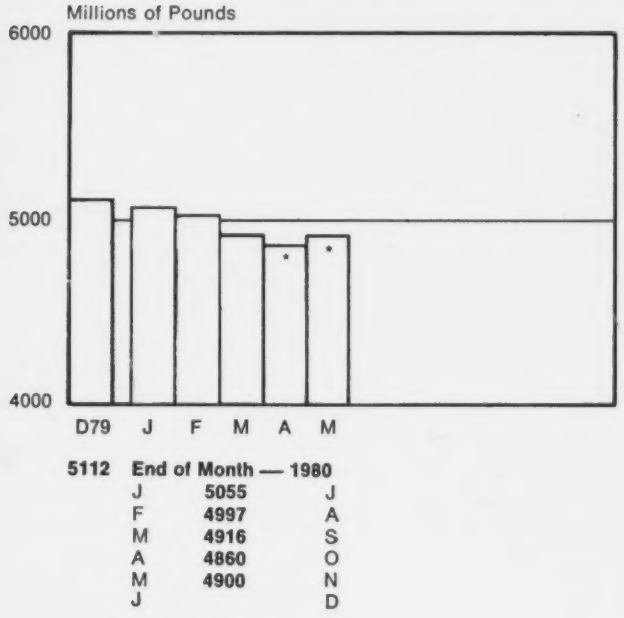
June order receipts at 1,144 million pounds were 0.8% higher than May's 1,135 million pounds. They registered a 12.6% decline vs. year-ago June, however. Six months 1980 total of 7,306 million pounds were 9.9% less than the first 6 months of 1979's 8,110 million pounds.

Producer Stocks Increased in May

Producer inventories increased an estimated 40 million pounds in May, 1980, from 4,860 million pounds in April, 1980 to an estimated 4,900 million pounds.

Integrated producer stocks went up 19 million pounds. Secondary smelters' and nonintegrateds' stocks together went up 21 million pounds.

Inventories



5112 End of Month — 1980

J	5055	J
F	4997	A
M	4916	S
A	4860	O
M	4900	N
J		D

Producer Inventories
(Millions of Pounds)

Producers	May '80	Apr. '80	May '80 vs. Year End '79
Integrateds	3,920	3,901r	−204
Smelters	240	236r	+ 6
Nonintegrated	740	723r	− 14
TOTAL	4,900	4,860r	−212

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1980 May	1980 April	1979 May	% Change Latest Month 1980 v. 1979
Imports	Mill Products	13.8	14.4	48.1r	− 71.3
	Ingot	84.2	90.7	115.7	− 27.2
	TOTAL	98.0	105.1	163.8r	− 40.2
	Scrap (+ dross)	9.5	11.0	9.3	+ 2.2
Exports	Mill Products	59.5	57.7	61.2	− 2.8
	Ingot	104.6	104.6	24.0	+335.8
	TOTAL	164.1	162.3	85.2	+ 92.6
	Scrap	77.5	80.0	58.3	+ 32.9
Net Imports		(134.1)	(126.2)	29.6r	−453.0

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Both imports and exports exclude backed foil.
r—revised

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

August, 1980

Shipments Down 6.9 Per Cent

Net shipments of aluminum ingot and mill products through June, 1980 at an estimated 7,144 million pounds were 6.9% less than shipments of 7,675 million pounds for 6 months of 1979.

Domestic shipments totalled 6,206 million pounds through June, 1980, representing a decline of 13.4% from the 7,166 million pounds shipped in the first 6 months of 1979.

Exports of 938 million pounds were up 84.3% vs. 509 million pounds for 6 months of 1979.

Thru June, 1980

	6 Mos. 1980	6 Mos. 1979	% Change
Mill Products	5,481	6,139	−10.7
Ingot	1,663	1,536	+8.3
Total	7,144	7,675	−6.9
Less Exports	−938	−509	+84.3
Domestic total	6,206	7,166	−13.4

Millions of Pounds

Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census. 8/15

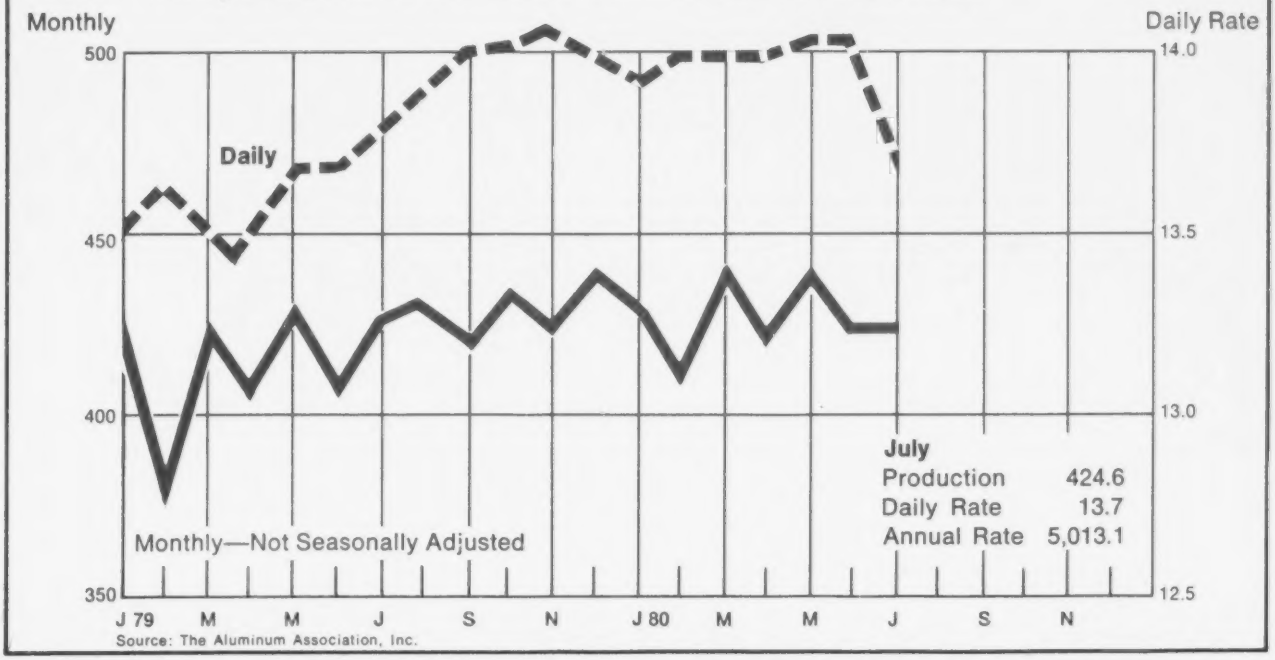
Primary Production Rate Down 0.9 Per Cent

U.S. primary aluminum production averaged 13,697 short tons daily during July, 1980, compared with an average 13,820 tons a day in July, 1979.

The annual rate of production in July, 1980 was 5,013,096 tons, compared to 5,044,341 tons in July, 1979. The June, 1980 production rate was 5,179,229 tons.

Actual production in July, 1980 was 424,607 tons. This compared with 428,424 tons in July, 1979 and 424,527 tons in June, 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



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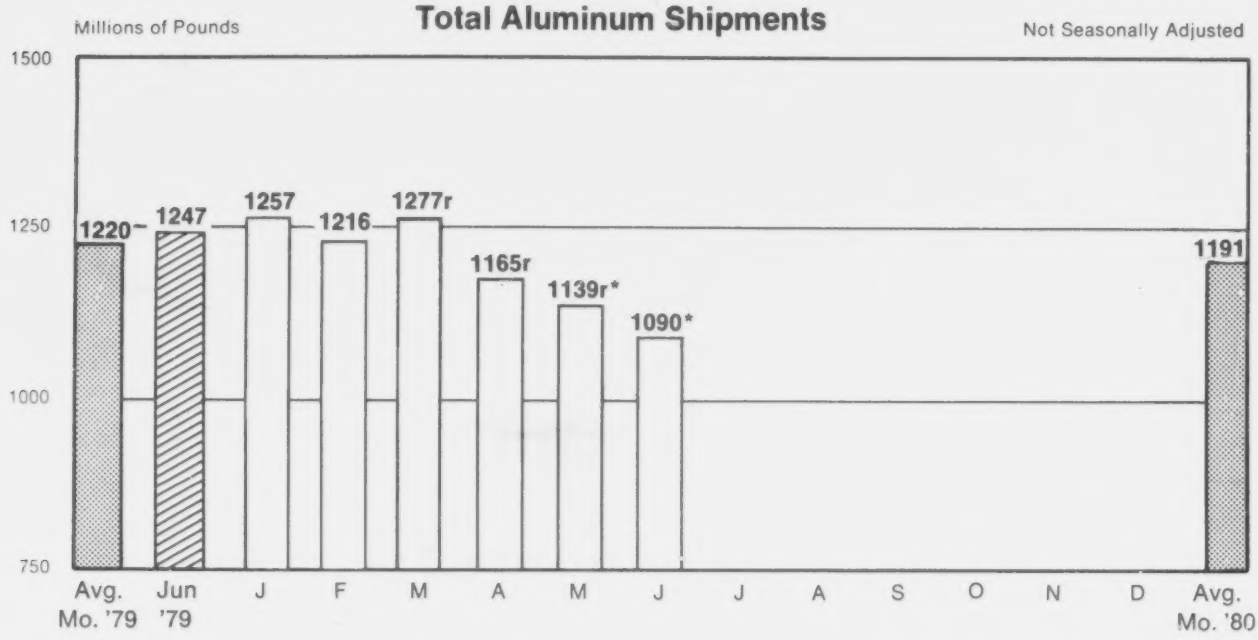


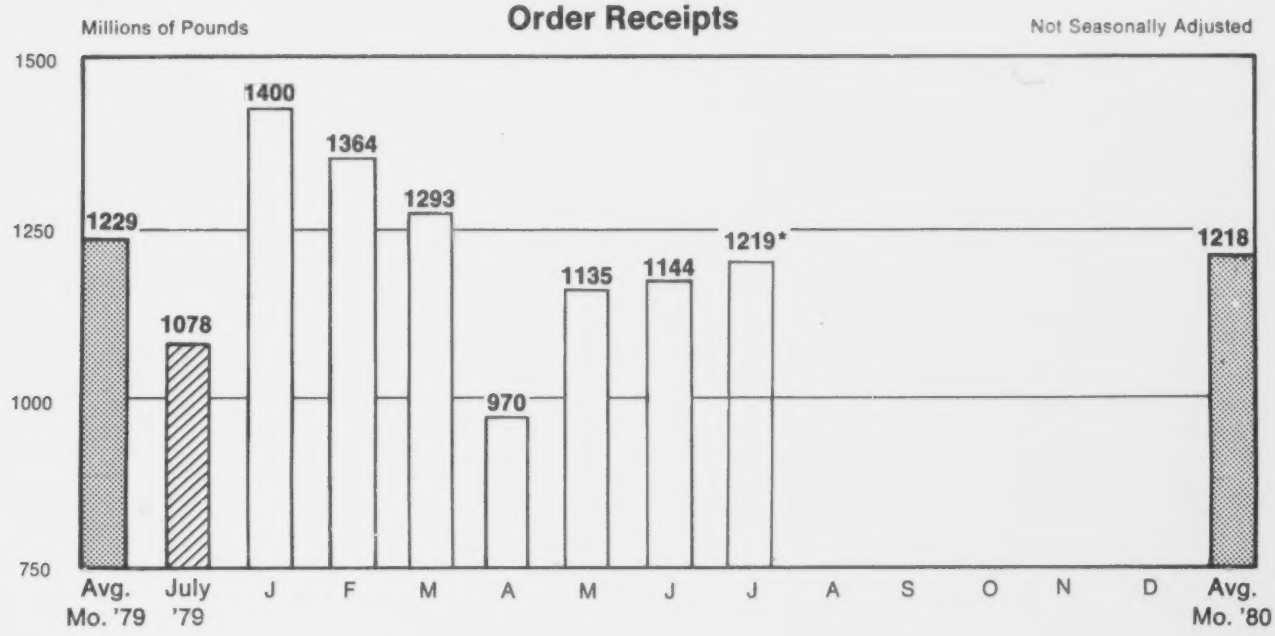
Net Shipments
(Millions of Pounds)

	1980 June*	1980 May*	1979 June	% Change Latest Month 1980 v. 1979
Sheet & Plate	445.0	501.0r	539.8	−17.6
Foil	60.0	66.0	76.9	−22.0
Rod, Bar & Wire	33.0	35.0	36.3	− 9.1
Electrical Conductor	69.0	72.0	69.9	− 1.3
Extruded Products	170.0	183.0	205.4	−17.2
Welded Tube	5.0	5.0	9.3	−46.2
Powder & Pigments	10.0	9.0	12.7	−21.3
Forgings & Impacts	9.0	10.0	12.5	−28.0
Net Imports of Mill Products (Total) (a)	14.0	12.0	46.3	−69.8
Total Mill Products	815.0	893.0	1,009.1	−19.2
Ingot	275.0(b)	246.0(b)	237.9	+15.6
TOTAL INDUSTRY SHIPMENTS	1,090.0	1,139.0	1,247.0	−12.6
Exports	(189.7)	(164.1)	(80.3)	+136.2
TOTAL DOMESTIC SHIPMENTS	900.3	974.9	1,166.7	−22.8

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

June Shipments Down 12.6 Per Cent vs. Year Ago

Total estimated June net shipments of 1,090 million pounds were down 12.6% vs. June, 1979 shipments of 1,247 million pounds. Domestic shipments were 22.8% below June, 1979 and 7.7% below May, 1980.



Order Receipts
Millions of Pounds

	1980 July*	1980 June	1979 July	% Change Latest Month 1980 v. 1979
Can Stock	213.8	229.7	185.5	+ 15.3
Sheet & Plate, Other	195.0	149.6	276.3	− 29.4
Foil	59.1	68.2	54.2	+ 9.0
Rod, Bar & Wire	8.7	23.4	26.2	− 66.8
Electrical Conductor	45.4	45.0	84.4	− 46.2
Extruded Products	137.3	135.2	187.8	− 26.9
Primary Ingot	86.3	80.4	35.5	+143.1
Other (Including Secondary Ingot)	277.1	183.3	137.6	+101.4
TOTAL DOMESTIC	1,022.7	914.8	987.5	+ 3.6
Exports	196.4	229.1	90.5	+117.0
TOTAL ALL PRODUCTS	1,219.1	1,143.9	1,078.0	+ 13.1

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

July Orders Up 6.6 Per Cent Over June, 1980

July order receipts at 1,219 million pounds were 6.6% higher than June's 1,144 million pounds. They were also 13.1% higher vs. year ago July. Cumulative seven months orders at 8,525 million pounds were only 7.2% below the first 7 months of 1979's 9,188 million pounds.

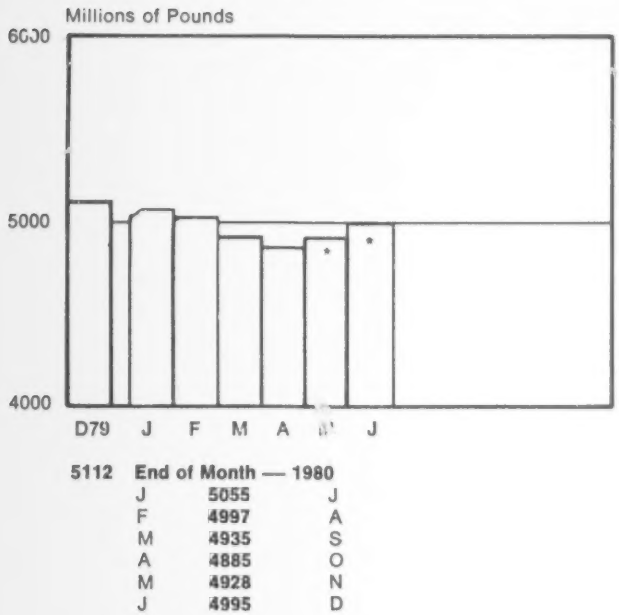
Producer Stocks Increased Again in June

Producer inventories increased an estimated 67 million pounds in June, 1980, from 4,928 million pounds in May 1980 to an estimated 4,995 million pounds.

Integrated producer stocks went up 37 million pounds. Secondary smelters' and nonintegrateds' stocks together went up 30 million pounds.

At this year's midpoint, producer inventories were down 117 million pounds vs. year-end 1979.

Inventories



5112	End of Month — 1980	
J	5055	J
F	4997	A
M	4935	S
A	4885	O
M	4928	N
J	4995	D

Producer Inventories
(Millions of Pounds)

Producers	Jun '80	May '80	Jun '80 vs. Year End '79
Integrateds	3,960	3,923r	−164
Smelters	260	255r	+ 26
Nonintegrated	775	750r	+ 21
TOTAL	4,995	4,928r	−117

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1980 June	1980 May	1979 June	% Change Latest Month 1980 v. 1979
Imports	Mill Products	15.7	13.8	49.5	− 68.3
	Ingot	103.3	84.2	70.3	+ 46.9
	TOTAL	119.0	98.0	119.8	− 0.7
	Scrap (+ dross)	10.8	9.5	11.6	− 6.9
Exports	Mill Products	67.2	59.5	64.9	+ 3.5
	Ingot	122.5	104.6	15.4	+695.5
	TOTAL	189.7	164.1	80.3	+136.2
	Scrap	85.1	77.5	49.2	+ 73.0
Net Imports		(145.0)	(134.1)	1.9	−7683.2

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Both imports and exports exclude backed foil.

The Aluminum Situation

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Economic Affairs Department 202-862-5100

September, 1980

Shipments Down 5.4 Per Cent

Net shipments of aluminum ingot and mill products through July, 1980 at an estimated 8,364 million pounds were 5.4% less than shipments of 8,837 million pounds for 7 months of 1979.

Domestic shipments totalled 7,262 million pounds through July, 1980, representing a decline of 12.2% from the 8,269 million pounds shipped in the first 7 months of 1979.

Exports of 1,102 million pounds were up 94.0% vs. 568 million pounds for 7 months of 1979.

Thru July, 1980

	7 Mos. 1980	7 Mos. 1979	% Change
Mill Products	6,272	7,087	−11.5
Ingot	2,092	1,750	+19.5
Total	8,364	8,837	− 5.4
Less Exports	−1,102	−568	+94.0
Domestic Total	7,262	8,269	−12.2

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census. 9/15

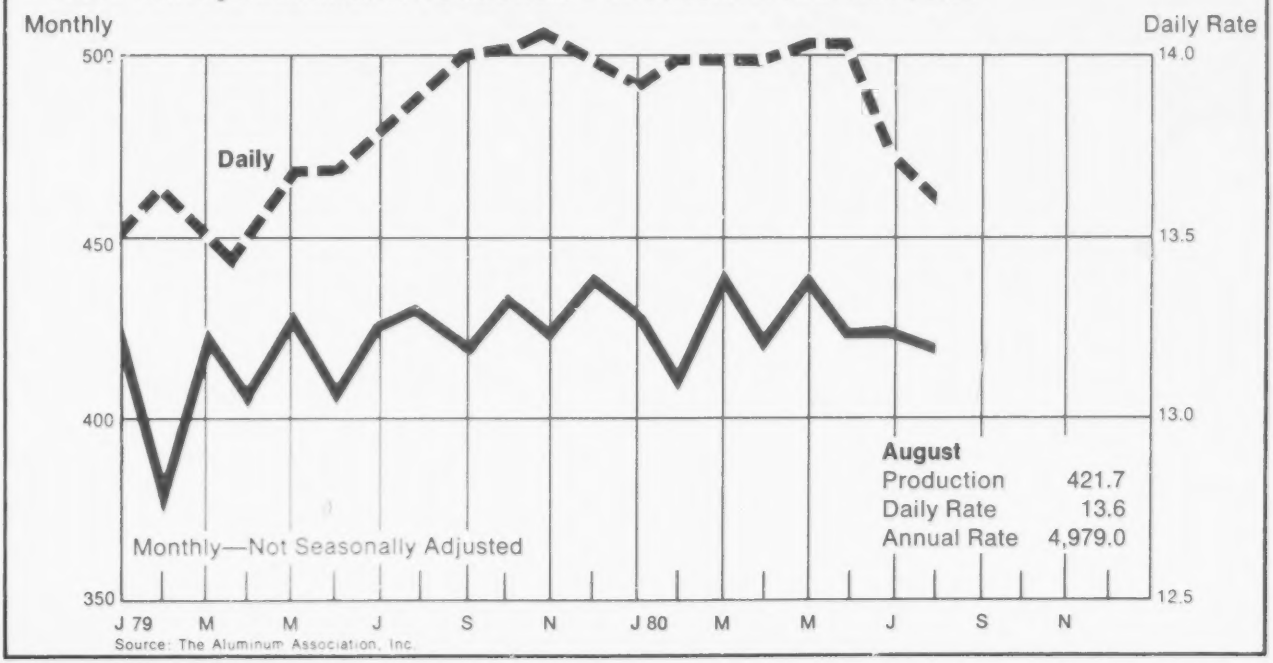
Primary Production Rate Down 2.0 Per Cent

U.S. primary aluminum production averaged 13,604 short tons daily during August, 1980, compared with an average 13,877 tons a day in August, 1979.

The annual rate of production in August, 1980 was 4,979,017 tons, compared to 5,065,164 tons in August, 1979. The July, 1980 production rate was 5,013,096 tons.

Actual production in August, 1980 was 421,720 tons. This compared with 430,192 tons in August, 1979 and 424,607 tons in July, 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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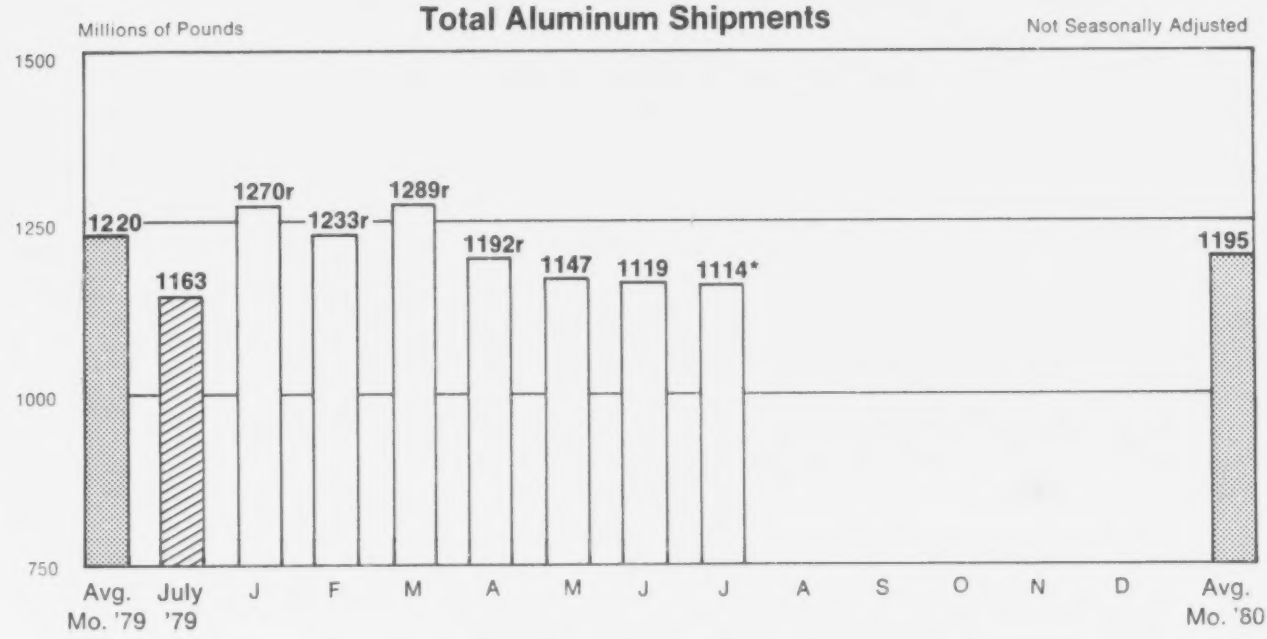


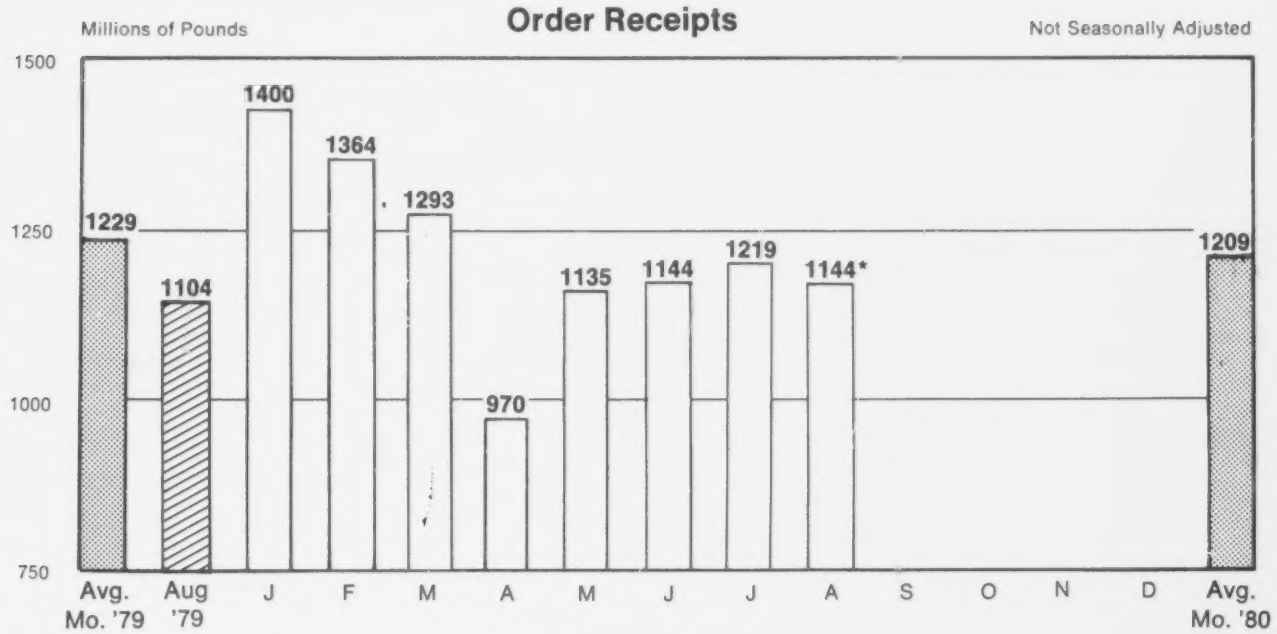
Net Shipments
(Millions of Pounds)

	1980 July*	1980 June	1979 July	% Change Latest Month 1980 v. 1979
Sheet & Plate	461.0	437.6	524.8	− 12.2
Foil	57.0	59.8	69.5	− 18.0
Rod, Bar & Wire	35.0	35.0	31.1	+ 12.5
Electrical Conductor	63.0	66.9	66.6	− 5.4
Extruded Products	151.0	163.7	199.6	− 24.3
Welded Tube	5.0	6.2	7.5	− 33.3
Powder & Pigments	10.0	11.1	11.6	− 13.8
Forgings & Impacts	8.0	9.0	11.8	− 32.2
Net Imports of Mill Products (Total) (a)	10.0	12.0	25.9	− 61.4
Total Mill Products	800.0	801.3	948.4	− 15.6
Ingot	314.0(b)	318.1	214.3	+ 46.5
TOTAL INDUSTRY SHIPMENTS	1,114.0	1,119.4	1,162.7	− 4.2
Exports	(163.6)	(189.7)	(59.6)	+174.5
TOTAL DOMESTIC SHIPMENTS	950.4	929.7	1,103.1	− 13.8

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

July Shipments Down 4.2 Per Cent vs. Year Ago

Total estimated July net shipments of 1,114 million pounds were down 4.2% vs. July, 1979 shipments of 1,163 million pounds. Domestic shipments were 13.8% below July, 1979, but 2.2% above June, 1980.



Order Receipts

Millions of Pounds

	1980 August*	1980 July	1979 August	% Change Latest Month 1980 v. 1979
Can Stock	194.4	213.8	254.5	− 23.6
Sheet & Plate, Other	252.8	195.0	246.4	+ 2.6
Foil	70.6	59.1	52.8	+ 33.7
Rod, Bar & Wire	13.1	8.7	26.7	− 50.9
Electrical Conductor	37.7	45.4	82.4	− 54.2
Extruded Products	118.1	137.3	196.9	− 40.0
Primary Ingot	84.9	86.3	34.4	+146.8
Other (Including Secondary Ingot)	207.1	277.1	136.6	+ 51.6
TOTAL DOMESTIC	978.7	1,022.7	1,030.7	− 5.0
Exports	165.2	196.4	72.8	+126.9
TOTAL ALL PRODUCTS	1,143.9	1,219.1	1,103.5	+ 3.7

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

August Orders Up 3.7 Per Cent vs. Year Ago

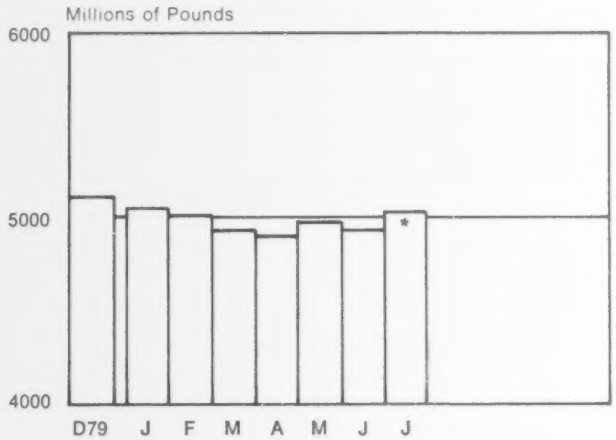
August order receipts at 1,144 million pounds were 3.7% higher than August, 1979. Domestic orders, however, were 5.0% below a year ago.

Producer Stocks Up in July

Producer inventories increased an estimated 58 million pounds in July, 1980, from 4,967 million pounds in June, 1980 to an estimated 5,025 million pounds.

Integrated producer stocks went up 53 million pounds. Secondary smelters' and nonintegrateds' stocks together rose 5 million pounds.

Inventories



5112 **End of Month — 1980**

J	**5055**	J	**5025**
F	**4997**	A	
M	**4935**	S	
A	**4894**	O	
M	**4980**	N	
J	**4967**	D	

Producer Inventories
(Millions of Pounds)

Producers	July '80*	Jun '80	July '80 vs. Year End '79
Integrateds	4,014	3,961	−110
Smelters	250	246	+ 16
Nonintegrated	761	760	+ 7
TOTAL	5,025	4,967	− 87

* Latest month estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1980 July	1980 June	1979 July	% Change Latest Month 1980 v. 1979
Imports	Mill Products	12.8	15.7	35.2	− 63.6
	Ingot	80.6	103.3	126.2	− 36.1
	TOTAL	93.4	119.0	161.4	− 42.1
	Scrap (+ dross)	10.2	10.8	26.3	− 61.2
Exports	Mill Products	61.0	67.2	43.0	+ 41.9
	Ingot	102.6	122.5	16.6	+518.1
	TOTAL	163.6	189.7	59.6	+174.5
	Scrap	79.3	85.1	50.4	+ 57.3
Net Imports		(139.3)	(145.0)	77.7	−179.3

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Both imports and exports exclude backed foil.

The Aluminum Situation

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Economic Affairs Department 202-862-5100

October, 1980

Shipments Down 4.8 Per Cent

Net shipments of aluminum ingot and mill products through August, 1980 at an estimated 9,570 million pounds were 4.8% less than shipments of 10,054 million pounds for 8 months of 1979.

Domestic shipments totalled 8,180 million pounds through August, 1980, representing a decline of 13.0% from the 9,400 million pounds shipped in the first 8 months of 1979.

Exports of 1,390 million pounds were up 112.6% vs. 654 million pounds for 8 months of 1979.

Thru August, 1980

	8 Mos. 1980	8 Mos. 1979	% Change
Mill Products	7,098	8,078	− 12.1
Ingot	2,472	1,976	+ 25.1
Total	9,570	10,054	+ 4.8
Less Exports	−1,390	−654	+112.6
Domestic Total	8,180	9,400	− 13.0

Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

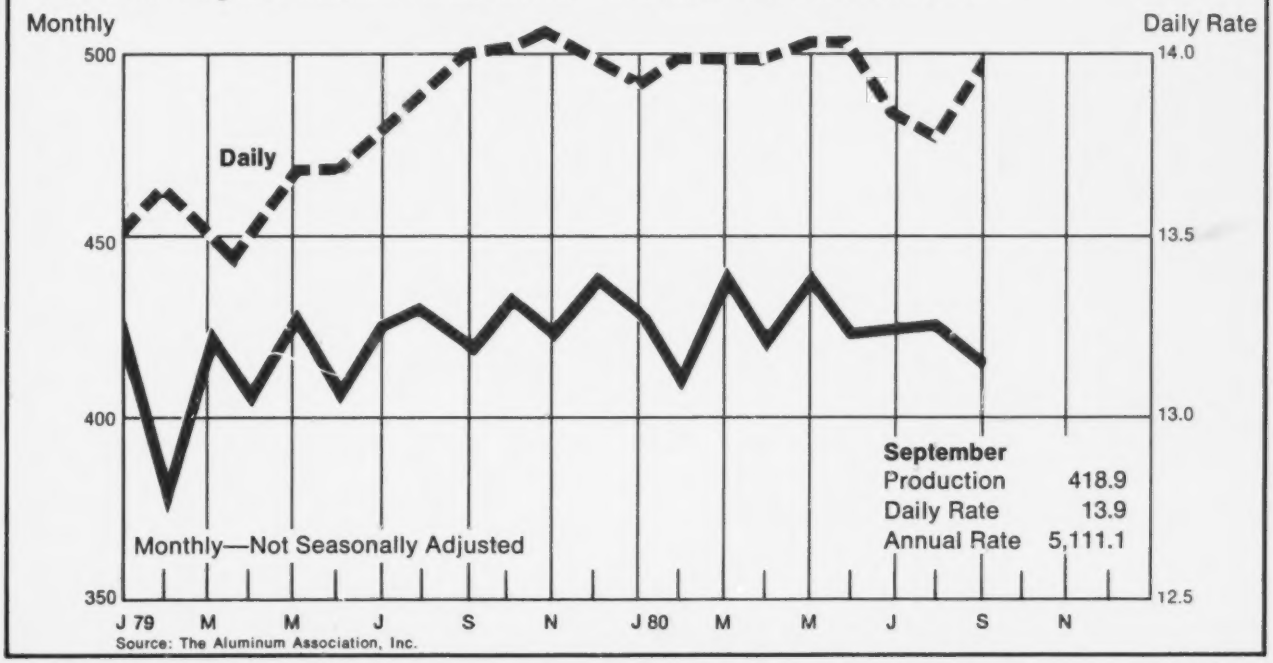
Primary Production Rate Level

U.S. primary aluminum production averaged 13,965 short tons daily during September, 1980, compared with an average 13,975 tons a day in September, 1979.

The annual rate of production in September, 1980 was 5,111,129 tons, compared to 5,100,845 tons in September, 1979. The August, 1980 revised production rate was 5,030,605 tons.

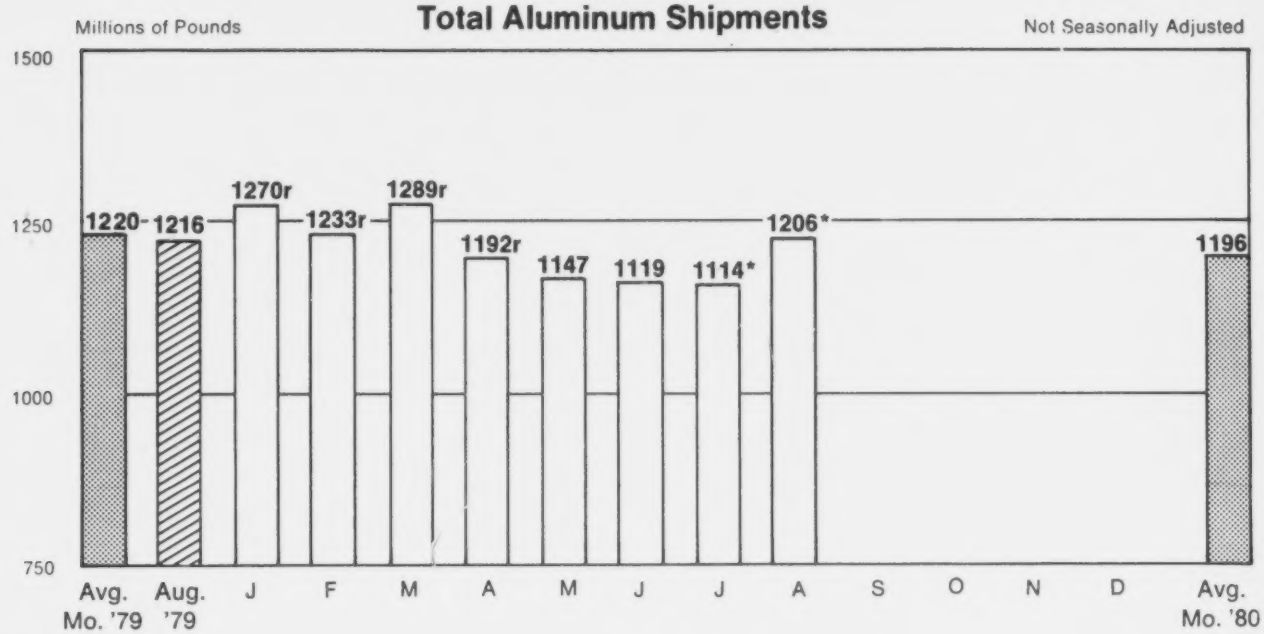
Actual production in September, 1980 was 418,945 tons. This compared with 419,248 tons in September, 1979 and 426,090 tons in August, 1980 (revised).

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.



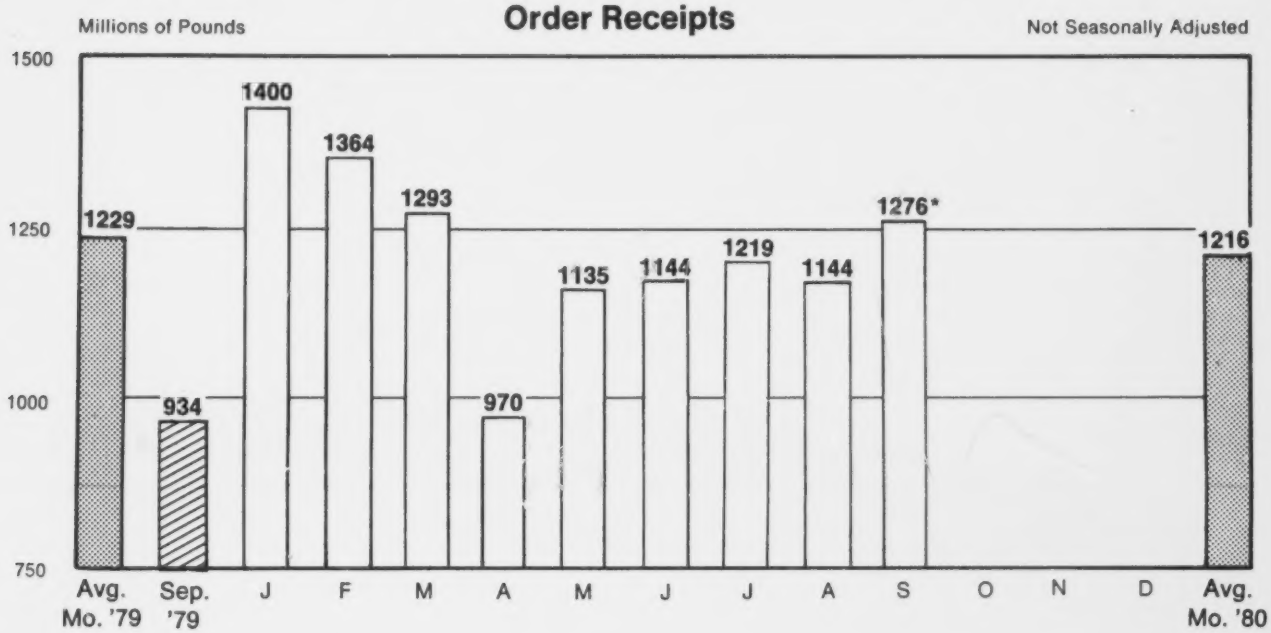
Net Shipments
(Millions of Pounds)

	1980 August*	1980 July*	1979 August	% Change Latest Month 1980 v. 1979
Sheet & Plate	467.0	461.0	540.2	− 13.6
Foil	61.0	57.0	73.8	− 17.3
Rod, Bar & Wire	49.0	35.0	34.3	+ 42.9
Electrical Conductor	57.0	63.0	77.3	− 26.3
Extruded Products	161.0	151.0	207.1	− 22.3
Welded Tube	5.0	5.0	6.2	− 19.4
Powder & Pigments	9.0	10.0	9.5	− 5.3
Forgings & Impacts	8.0	8.0	11.7	− 31.6
Net Imports of Mill Products (Total) (a)	9.0	10.0	30.3	− 70.3
Total Mill Products	826.0	800.0	990.4	− 16.6
Ingot	380.0(b)	314.0(b)	225.9	+ 68.2
TOTAL INDUSTRY SHIPMENTS	1,206.0	1,114.0	1,216.3	− 0.8
Exports	(288.3)	(163.6)	(85.3)	+238.0
TOTAL DOMESTIC SHIPMENTS	917.7	950.4	1,131.0	− 18.9

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

August Shipments Almost Equal to Year Ago

Total estimated August net shipments of 1,206 million pounds were down only 0.8% vs. August, 1979 shipments of 1,216 million pounds. Domestic shipments, however, were down 18.9% vs. a year ago.



Order Receipts
Millions of Pounds

	1980 September*	1980 August	1979 September	% Change Latest Month 1980 v. 1979
Can Stock	218.0	194.4	157.9	+ 38.1
Sheet & Plate, Other	296.6	252.8	219.1	+ 35.4
Foil	76.9	70.6	48.2	+ 59.5
Rod, Bar & Wire	19.3	13.1	26.8	− 28.0
Electrical Conductor	37.7	37.7	59.2	− 36.3
Extruded Products	138.8	118.1	168.5	− 17.6
Primary Ingot	77.9	84.9	49.3	+ 58.0
Other (Including Secondary Ingot)	183.8	207.1	161.5	+ 13.8
TOTAL DOMESTIC	1,049.0	978.7	890.5	+ 17.8
Exports	226.5	165.2	43.7	+418.3
TOTAL ALL PRODUCTS	1,275.5	1,143.9	934.2	+ 36.5

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

September Orders Up 36.5 Per Cent vs. Year Ago

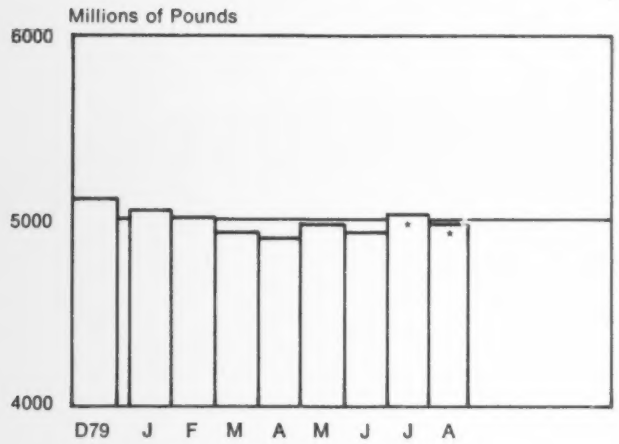
September order receipts at 1,276 million pounds were 36.5% higher than September, 1979 orders of 934 million pounds. Domestic orders were 17.8% higher than a year ago. 1980's cumulative nine month total of 10,945 million pounds is 2.5% less than the first nine months of 1979 total of 11,226 million pounds.

Producer Stocks Down in August

Producer inventories declined an estimated 37 million pounds in August, 1980, from 5,025 million pounds in July, 1980 to an estimated 4,988 million pounds.

Integrated producer stocks went down 14 million pounds. Secondary smelters remained unchanged but nonintegrateds' stocks declined 23 million pounds.

Inventories



5112 **End of Month — 1980**

J	5055	J	5025
F	4997	A	4988
M	4935	S	
A	4894	O	
M	4980	N	
J	4967	D	

Producer Inventories
(Millions of Pounds)

Producers	Aug '80*	July '80*	Aug '80 vs. Year End '79
Integrateds	4,000	4,014	−124
Smelters	250	250	+ 16
Nonintegrated	738	761	− 16
TOTAL	4,988	5,025	−124

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1980 August	1980 July	1979 August	% Change Latest Month 1980 v. 1979
Imports	Mill Products	11.2	12.8	35.0	− 68.0
	Ingot	81.3	80.6	62.3	+ 30.5
	TOTAL	92.5	93.4	97.3	− 4.9
	Scrap (+ dross)	8.3	10.2	11.0	− 24.5
Exports	Mill Products	93.1	61.0	60.9	+ 52.9
	Ingot	195.2	102.6	24.4	+700.0
	TOTAL	288.3	163.6	85.3	+238.0
	Scrap	83.7	79.3	48.4	+ 72.9
Net Imports		(271.2)	(139.3)	(25.4)	−968.5

Source: Department of Commerce, Bureau of Industrial Economics, and Bureau of the Census. Both imports and exports exclude backed foil.